

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 136869

TO: James Schultz

Location: REM-2D18/2C18

Art Unit: 1635

Tuesday, November 02, 2004

Case Serial Number: 10/017621

From: Paul Schulwitz

Location: Biotech-Chem Library

REM-1A65

Phone: (571)272-2527

paul.schulwitz@uspto.gov

Search Notes

Examiner Schultz,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz Technical Information Specialist STIC Biotech/Chem Library (571)272-2527



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Schreiber, David

From: Sent:

Schultz, James Friday, October 22, 2004 5:12 PM Schreiber, David

To: Subject:

score over length search request, 10/017,621

Howdy

I need a score over length nucleotide sequence search on SEQ ID NO:3 in the above entitled case. I need the lower and upper limits to be 8 and 50, respectively, I need any hits that are above 65% complementarity, and please transfer as many hits into the excel program as possible. Please do not search the interference databases at this time. Thanks,

Doug Schultz

James Douglas Schultz, PhD AU 1635 (Biotechnology) Patent Examiner United States Patent and Trademark Office (Office) REM 2D18 (Mail) REM 2C18 (571) 272-0763

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| GenCore version 5.1.6 Copyright (c) 1993 - 2004 Compugen Ltd. | n on: November 2, 2004, 13: | Timle: Perfect score: 1745 Sequence: 1 tggaagcagcgtaaaggatggttcacctgcccacttgtcc 1745 | Scoring table: IDENTITY NUC Gapop 10.0 , Gapext 0.5 | searched: 2007 segs, 38718 residues | oral number of hits satisfying chosen parameters: 4014 | Winimum DB seq length: 8 Waximum DB seq length: 50 | Match 0% Match 100% | Listing first 2028 summaries Satabase : rgedb:* | ed. No. is the number of results predicted by chance to have a | than or equal to the score of the by analysis of the total score di | SUMMARIES | Result Query No. Score Match Length DB ID Description | 22.4 1.3 33 1 BD102646 ACCESSION | 3 21.6 1.2 31 1 AX248673 ACCESSION | 4 21 1.2 31 AX.248015 ACCESSION:AX.248015 5 20.6 1.2 21 AX.153998 ACCESSION:AX.153998 6 19 2 11 29 1 AX.050577 ACCESSION:AX.050577 | 19 1.1 19 1 AX129246 ACCESSION 19 1.1 19 1 AX129247 | 18.8 1.1 28 1 BD144819 ACCESSION 18.6 1.1 25 1 CQ630555 ACCESSION | 11 18.6 1.1 25 1 AR471618 ACCESSION 12 18.6 1.1 25 1 AX50274 ACPRSTON | 18.6 1.1 25 1 AX502275 ACCESSION 18.2 1.0 27 1 AX548365 ACCESSION | 18.2 1.0 27 1 HSA270316 ACCESSION 17.6 1.0 25 1 AR028293 ACCESSION | 17.6 1.0 25 1 CQ630554 ACCESSION | 17.6 1.0 25 1 AR471617 ACCESSION | 20 17.6 1.0 25 1 AR471619 ACCESSION 21 17.6 1.0 25 1 AX502273 ACCESSION | 22 17.6 1.0 25 1 AX502276 ACCESSION 23 17.6 1.0 26 1 APOGOR40 | 17.6 1.0 26 1 AR197875 ACCESSION | 25 17.6 1.0 26 1 AR260029 ACCESSION 26 17.4 1.0 19 1 AX129125 ACCESSION | 27 17.4 1.0 19 1 AXI29129 ACCESSION 28 17 1 0 20 1 AD110470 | 17 1.0 20 1 ARLIG450 ACCESSION | 31 17 1.0 20 1 BD237317 ACCESSION ACCESSION | 17 1.0 20 1 AX104119 ACCESSION 17 1.0 20 1 AX164692 ACCESSION |

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| ACCESSION: BDD089872 ACCESSION: BDD094590 ACCESSION: BD124095 ACCESSION: AD068059 ACCESSION: AD068059 ACCESSION: AD06809 ACCESSION: AD06809 ACCESSION: AN130832 ACCESSION: AN130832 ACCESSION: AN130832 ACCESSION: AN1908567 ACCESSION: AN190762 ACCESSION: AN190762 ACCESSION: AN190762 ACCESSION: AN190762 ACCESSION: AN195567 ACCESSION: AN195351 ACCESSION: AN49566 ACCESSION: AN49567 ACCESSION: AN49567 ACCESSION: AN49567 ACCESSION: AN49537 | bp DNA linear PAT 27-AUG-2002 product of amyloid beta. thiya,S. and Suzuki,T. product of amyloid beta NY-2001; LYD-TONU WATANABE, SHIGEKI KAWABATA, SUZUKI SUZUKI SYZUKI SYZUKI MABATA, SHUNICHIRO HACHIYA, TOSHIHARU 25/28, GOIN33/15, GOIN33/50 CC UDENCE: DITHER MABATA, SHUNICHIRO HACHIYA, TOSHIHARU 25/28, GOIN33/15, GOIN33/50 CC UDENCE: DITHER CONSTRUCT " CONSTRUCT " CONSTRUCT " NA" 0." | Length 33;; Indels 0; Gaps 0; |
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| 1 BD089872 1 BD094590 1 BD124095 1 D068PEBNIB 2 B068PEBNIB 2 B068PEBNIB 1 AB068PEBNIB 2 AR068BEB 1 AR068BEBB 2 AR33712B 2 AR33712B 3 AR33712B 3 AR33712B 4 AR349567 4 AR349567 4 AR349567 4 AR349567 4 AR349567 1 AR34586 1 AR325607 2 AR80582B 1 AX1022849 1 AX1022849 1 AX1022849 1 AX65346 1 AX65397 1 AX65397 1 AX65397 1 AX65397 | | Score 22.4; DB 1; Pred. No. 20; 0; Mismatches 6 TTTGGCCTGGCCG 1049 TTTGGCTGGCTC 33 |
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synthetic construct
artificial sequences.

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Isolabe, T., Kawabata, S., Hachiya, S. and Suzuki, T.
Composition for suppreshing a product of amyloid beta
RS Watanabe, T., Kawabata, S., Hachiya, S. and Suzuki, T.
Composition for suppreshing a product of amyloid beta
RAMANOUCHIR PHARMACEUTICAL CO LTD, TORU WATANABB, SHIGEKI KAWABATA,
SHUNICHIRO HACHIYA, TOSHIHARU SUZUKI
OS Artificial Sequence
RN WO 0182567-A13
PD 08-NOV-2001
PP 25-APR-2001 WO 2001JP003555
PR 28-APR-2000 JP 00P 131037
PI SUZUKI
PI LOCALION/Qualifiers
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FT FOUR WATANABE, SHIGEKI KAWABATA, SHUNICHIRO Sequence.
                         PAT 27-AUG-2002
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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     Composition for suppressing a product of amyloid beta. BD102647
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WOO 0182967-A/13.
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Cargill,M., Ireland,J.S. and Lander,E.S.
Human single nucleotide polymorphisms
Patent: WO 0166800-A 752 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESERRCH (US)
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81.2%; Pred. No. 20;
tive 0; Mismatches
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Sequence 752 from Patent WO0166800.
AX248673

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Matches 26; Conservative
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Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Draper,J., Kenton,P. and Paul,W.
Inducible promoters
Patent: WO 9966057-A 14 23-DEC-1999;
DRAPER JOHN (GB); KENTON PAUL (GB); BIOGEMMA UK LTD (GB); PAUL
                                                                                                                                                                                                                          ch 1.1%; Score 19.2; DB 1; Length 29; 1 Similarity 87.5%; Pred. No. 83; 21; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 100.0%; Pred. No. 44;
Matches 19; Conservative 0; Mismatches 0; Indels
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/mol_type="unassigned DNA"
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IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
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Sequence 464 from Patent WO0130362.
AX122246
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AX129246
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human single nucleotide polymorphisms
Patent: WO 0138276.A 96 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOWEDICAL RESEARCH (US)
                                                                                                                                                                                                                                    Cargill, M., Ireland, J.S. and Lander, E.S.
Human single nucleotide polymorphisms
Patent: WO 0166000-A 94 13-SEP-2001;
WHITKHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Location/Qualifiers
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/organism="Homo sapiens"
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Sequence 96 from Patent W00138576.
AXIS3998
                                            31 bp
Sequence 94 from Patent W00166800.
AX248015
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucletide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 15295 03-FEB-2004;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                          DB 1; Length 25;
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Patent: BP 1229046-A 3581 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                        25 bp DNR Sequence 15295 from patent US 6686188. AR471618 GI:42706675
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                                                                                                                        Score 18.6; DB; Pred. No. 87; 0; Mismatches
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Sequence 3581 from Patent EP1229046.
AX502274
                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 84.0%; Pred. No. 87;
Matches 21; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Best Local Similarity 84.0%;
Matches 21; Conservative
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Homo sapiens
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Unclassified.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 28)

Nishimura, M., Yaquchi, H., Naito, S. and Hiraoka, I.

A method of detecting human phase i enzymes of drug-metabolizing and a probe and a kit therefor

and a probe and a kit therefor

A patent: JP 2002142780-A 31 21-MAY-2002;
OTSUKA PHARMACEUTICAL PACTORY INC
OS Homo sapiens (human)

PR 2002142780-A/31

PP 21-MAY-2002

PP 28-AUG-2001 JP 2001257338

PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA

CC human ALDH3 gene
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28 bp DNA linear PAT 17-JAN-2003
A method of detecting human phase i enzymes of drug-metabolizing and a probe and a kit therefor.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 15295 06-DEC-2001;
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                                                                                  Score 19; DB 1; Length 19; Pred. No. 44;
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                /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk4 ribozyme binding site"
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                                                                              Query Match
1.1%; Score 19; DB
3est Local Similarity 100.0%; Pred. No. 44;
Matches 19; Conservative 0; Mismatches
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00.9%; Pred. No. 96;
.ve 0; Mismatches
'organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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BD144819.1 GI:27850577
JP 2002142780-A/31.
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CQ630555.1 GI:41680790
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COCUS
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Gaps

25

JLT 13 02275/c

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ESSION

WORDS

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Keating, M.T. and Morris, C.A.

Keating, M.T. and Morris, C.A.

Diagnosis of Williams syndrome and Williams syndrome cognitive

profile by analysis of the presence or absence of a LIM-kinase gene

Patent: US 5858662-A 3 12-JAN-1999;

Location/Qualifiers
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                                                                                                                                                                                                                                                                                  Direct Submission
Submitted (04-07-1999) Surgery, Cedars Sinai Medical Center, 8700
Beverly Blvd., Los Angeles, CA 90048, US
Related entry: NM_000193.
                                                                      Enkaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 27)

Palm, K., Salin-Nordstrom, T., Levesque, M.F. and Neuman, T.

Fetal and adult human CNS stem cells have similar molecular characteristics and developmental potential

Brain Res. Mol. Brain Res. 78 (1-2), 192-195 (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="PCR antisense primer for sonic hedgehog
(Drosophila) homolog (SHH)"
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1.0%; Score 17.6; DB 1;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 4;
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Sequence 15294 from Patent WO0192524.
CQ630554
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 3 from patent US 5858662.
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
1. ...27
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ARO28293.1 GI:5940266
AJ270316.1 GI:9557893
                                       Homo sapiens (human)
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Palm, K.
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Unclassified.
                                                          Homo sapiens
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Profiling tumor specific markers for the diagnosis and treatment of neoplastic disease
Patent: WO 0240716-A 289 23-MAY-2002;
Cemines, LLC (US)
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Homo sapiens sonic hedgehog (Drosophila) homolog (SHH) antisense
primer.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                           Human testis expressed patched like protein
Patent: EP 1220946-A 3582 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                       DNA
                                                                                                                   AX502275 25 bp D. Sequence 3582 from Patent EP1229046.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  uery Match 1.1%; Score 18.6; D est Local Similarity 84.0%; Pred. No. 87; atches 21; Conservative 0; Mismatches
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Sequence 289 from Patent WO0240716.
AX548365
AX548365.1 GI:25813399
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/db_xref="taxon:9606"
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Pred. No. 87;
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   GCCAGGATGTTAGTGATGGTGGTG 1
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synthetic construct
artificial sequences.
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tatches 20; Conserv
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PAT 20-FEB-2004

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Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 15296 03-FEB-2004; Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 25) \text{Gu}, Y.,\ \text{Ji}, Y.,\ \text{Penn}, \text{S.G.},\ \text{Hanzel,D.K.},\ \text{Rank,D.R.},\ \text{Chen,W.}\ \text{and Shannon,M.E.}
                                                                                                       Length 25;
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1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 3580 07-AUG-2002;
Aeomica, Inc. (US)
                                                                                                   Score 17.6; DB 1;
Pred. No. 1.5e+02;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                        1. .25
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         Location/Qualifiers
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/organism="unknown"
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AX502273/c
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                                  Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                       \mathsf{Gu},Y. , \mathsf{Ji},Y. , Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
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Patent: WO 0192524-A 15294 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: WO 0192524-A 15296 06-DEC-2001;
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/organism="Homo sapiens"
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/db xref="taxon:9606"
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Location/Qualifiers
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AR471617.1 GI:42706674
Homo sapiens (human)
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Unclassified.
                   Homo sapiens
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Matches 20; Conserva
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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llarity 83.3%; Pred. No. 1.6e+02;
Conservative 0; Mismatches 4; Indels
                                                                                                          ch 1.0%; Score 17.6; DB 1; Length 26; 1. Similarity 83.3%; Pred. No. 1.6e+02; 20; Conservative 0; Mismatches 4; Indels
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1 (bases 1 to 26)
Chenchik,A., 'Okhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 6489455-A 960 03-DEC-2002;
Location/Qualifiers
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/note="Cdk3 ribozyme binding site"
Methods of assaying differential expression Patent: US 6352829-A 960 05-MAR-2002; Location/Qualifiers
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                                                                                                                                                                                                                                                                              26 bp Dr Sequence 960 from patent US 6489455.
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Seguence 343 from Patent WO0130362.
AX129125
                                                                            /mol_type="unassigned DNA"
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Location/Qualifiers
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                                                                /organism="unknown"
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Homo sapiens
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AR260029/c
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                                                                    PAT 27-SEP-2002
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Unclassified.
1 (bases 1 to 26)
1 (bases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 5994076-A 960 30-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown.
Unclassified.
1 (bases 1 to 26)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
                                                                                                                                                                                                                                             Human testis expressed patched like protein Patent: EP 1229046-A 3583 07-AUG-2002; Acomica, Inc. (US)
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Sequence 960 from patent US 5994076.
AR090840.1 GI:10017595
                                                                Sequence 3583 from Patent EP1229046. AX502276
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                              1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Gaps

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PAT 15-MAY-2001

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Gaps

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Gaps

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PAT 16-MAY-2001

linear

PEATURES

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synchetic construct

Synchetic construct

artificial sequences.

E 1 (bases 1 to 20)

S Monia, B.P. and Xu,X.S.

Modulation method of induction expression of tumor necrosis factor-alpha of call adhesion molecules

I SIS PHRAMACEDITICALS INC

OS Artificial Sequence

PN JP 2002531574-A/7

PD 24-SEP-2002

PR 08-DEC-1999 JP 2000586746

PR 10-DEC-1999 US 09/209668
                              Unclassified.

1 (bases 1 to 20)

MCKay.R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.

Antisense oligonucleoride compositions and methods for the modulation of UNK proteins

Patent: US 6133246-A 31 17-OCT-2000;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MCKAY,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A. Antisense oligonucleotide compositions and methods for the modulation of JNK proteins
Patent: US 6133246-A 42 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD237317 20 bp DNA linear PAT 17-, Modulation method of induction expression of tumor necrosis
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100.0%; Pred. No. 1.3e+02;
Live 0; Mismatches 0; Indels
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BD237317.
GI:33047087
JP 2002531574-A/7.
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                                                                                                                                                                                     /mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Best Local Similarity 100.0
Matches 17; Conservative
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Matches 17; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 20)

Monia,B.P. and Xu,X.S.
Methods of modulating tumor necrosis factor .alpha.-induced expression of cell adhesion molecules
Patent: US 6114517-A 7 05-SEP-2000;
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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IMMUSOL, INC. (US)
                                                                                          Sequence 347 from Patent WO0130362.
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Sequence 31 from patent US 6133246.
AR116450
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Sequence 7 from patent US 6114517.
AR110470
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/organism="Homo sapiens"
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1 TGGCTGACTTCGGCCTGGC 19
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                                                                                                                                                                           Homo sapiens (human)
Homo sapiens
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Best Local Similarity
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AR110470/c
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PAT 06-FEB-2002
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligonucleotide~phosphorothioate
backbone"
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Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.3e+02;
iive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cancer: WO 0197843-A 463 27-DEC-2001;
Patent: WO 0197843-A 463 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
1..20
/organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 311 from Patent WO02053141.
AX547172
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Sequence 463 from Patent W00197843.
AX355435 AX355435.1 GI:18620103
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AX547172/c
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 311 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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Compositions and methods for the diminution or elimination of various cancers

Patent: WO 0134792-A 2 17-MAY-2001;

THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)

Location/Qualifiers
                         A61K45/00, A61K31/712, A61K31/7125, A61K48/00, A61P1/00, A61P3/10,
                                                  AGIP5/14,
AGIP17/04, AGIP17/06, AGIP29/00, AGIP29/00, AGIP31/00, AGIP35/00,
AGIP37/00,
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    /organism='Artificial Sequence'.

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/db_xref="taxon:32630"
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Sequence 311 from Patent W00122972.
AX104119.1 GI:13320316
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                BRETT P MONIA, XIAOXING S XU
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/organism="unknown"
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AX692068.1 GI:29415012
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                                                                                                         BD074607 20 bp DNA linear PAT 27-AUG-2002 Antisence oligonucleotide composition and modulation method of JNK
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Mckay,R., Dean,N., Monia,B.P., Scott,P., Nero and Gaarde,W.A.
Antisence oligonucleotide composition and modulation method of JNK
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Patent: JP 2001514905-A 31 18-SEP-2001;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001514905-A/31
PP 07-AUG-1999 JP 2000509875
PR 13-AUG-1997 US 08/910629
PI ROBERT MCKAY,NICHOLAS DEAN,BRETT P MONIA,PAMELA SCOTT PI
NERO,WILLIAM A GAARDE
PC 07-201/68,A61K31/7088,A61K48/00,A61P35/00,C12N15/09,C12P19/34,
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Mckay.R., Dean,N., Monia,B.P., Scott,P., Nero and Gaarde,W.A.
Antisence oligonucleotide composition and modulation method of UNK
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Patent: JP 2001514905-A 42 18-SEP-2001;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001514905-A/42
PD 18-SEP-2001
PP 07-AUG-1998 JP 2000509875
PR 13-AUG-1997 US 08/910629
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    .20
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ROBERT MCKAY, NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT PI
WILLIAM A GAARDE
C12Q1/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,
C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

I (bases 1 to 25)

McClelland,M., Welsh,J. and Trenkle,T.

Reduced complexity nucleic acid targets and methods of using same Patent: US 6495319-A 73 17-DEC-2002;

Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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                                                                                                                                                         /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                1.0%; Score 17; DB 1; Length 20; 100.0%; Pred. No. 1.3e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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80.0%; Pred. No. 2e+02;
tive 0; Mismatches 5; Indels
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                                                                            Control sequence (sense)

Key Location/Qualifiers

1.20 Location
                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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EP1281758.
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Sequence 73 from patent US 6495319.
AR266635
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                            PAT 29-MAR-2003
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Pred. No. 2.1e+02;
0; Mismatches 5; Indels
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1 (bases 1 to 21)
Chadwick,R.B. and Johnston-Dow,L.

ETHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
PATENTE: WO 9731126-A 11 28-AUG-1997;
PERKIN ELMER CORP (US)
                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                     organism="synthetic construct"
                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"
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                                                 Sequence 132 from Patent WO02064791.
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/db_xref="taxon:32644"
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Sequence 17 from Patent WO9731126.
A79443
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synthetic construct
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Matches 20; Conservative
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A79443/c
                                                     DEFINITION
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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llarity 80.0%; Pred. No. 2e+02;
Conservative 0; Mismatches 5; Indels
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Pred. No. 2e+02;
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 Score 17; DB 1; Length 25;
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 4801 from Patent BP1281758.
AX692069.1 GI:29415013
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    ,25
    /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                           0; Mismatches
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2176 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Polymorphic cag repeat-containing gene and uses thereof
Patent: WO 9915639-A 3 01-APR-1999;
ROULEAU GUY A (CA); UNIV MCCILL (CA)
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Conservative 0; Mismatches 2;
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 3 from Patent WO9915639.
AX004678
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Location/Qualifiers
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to 21)

Chadwick, R.B. and Johnston-Dow, L.

METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES

PERKIN ELMER CORP (US)

LOCALION QUALIFIERS
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Johnston-Dow, L., Chadwick, R.B. and Parham, P.
Methods and reagents for typing HLA class I genes
Patent: US 6103465-A 11 15-AUG-2000;
Location/Qualifiers
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1 (bases 1 to 21)
Johnston-Dow,L., Chadwick,R.B. and Parham,P.
Wethods and reagents for typing HLA class I genes
Patent: US 6103465-A 17 15-AUG-2000;
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 11 from patent US 6103465.
AR105842
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/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 17 from patent US 6103465.
AR105848
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A79443.1 GI:6092451
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AR105842/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Taylor, K.D., Scheuner, M., Rotter, J. and Yang, H. Genetic test to determine non-responsiveness to statin drug
                                                                                                                                                                                                                                                                                                                                                              (bases 1 to 24)
Taylor,K.D., Scheuner,M.T., Rotter,J.I. and Yang,H.
Genetic test to determine non-responsiveness to statin drug
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Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4;
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Cedars-Sinai Medical Center (US)
Location/Qualifiers
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Patent: US 6297014-A 109 02-OCT-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1. .24
/organism="unknown"
/mol_type="unassigned DNA"
        /db_xref="taxon:32630"
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Matches 19; Conserv
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CQ798674/c
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ACCESSION
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TITLE
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I GUX A ROULEAU, BERNARD BRAIS
C C12NIS/09, A01K67/027, A61K4S/00, A61P21/04, C12NS/10, C12Q1/68, PC G01N33/15,
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Short GCG extension in PABII gene for ocular throat muscular dystrophy and diagnosis thereof.
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PN JP 2001517432-A/3

PD 09-OCT-2001

PF 18-SEP-1998 UP 2000512932

PR 19-SEP-1997 CA 2216057

PI GUY A ROULEAU, RIDHA JOOBERA, CHAWKI BENKELFAT

PC C12M15/09, ADIK67/027, COTK14/47, C12Q1/68, C12M15/00 CC

Description of Unknown Organism: unknown

FH Key Location/Qualifiers

FT SOURCE 1...23
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1 (bases 1 to 23)
Rouleau,G.A. and Brais,B.
Short GCG extension in PABII gene for ocular throat muscular dystrophy and diagnosis thereof
Patent: JP 2001526047-A 3 18-DEC-2001;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2001526047-A/3
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Rouleau, G.A., Joober.R. and Benkelfat, C.

Polymorphic CAG repeat.-containing gene and uses thereof

Patent: JP 2015:17432-A 3 09-OCT-2001;

MCGILL UNIVERSITY
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23 bp DNA linear PAT
Polymorphic CAG repeat-containing gene and uses thereof.
BD081260
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/mol_type="genomic DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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07-DEC-1998 JP 2000524467
09-DEC-1997 CA 221815
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JP 2001526047-A/3.
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JP 2001517432-A/3.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 15293 06-DEC-2001;
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Cedars-Sinai Medical Center (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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                               Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 15297 06-DEC-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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S Gu Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
AL Patent: US 6656700-A 1392 02-DEC-2003;
Location/Qualifiers
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Gu,Y. and Shannon,M.E.

Isoforms of human pregnancy-associated protein-E

Patent: US 6656700-A 1391 02-DEC-2003;

Location/Qualifiers
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/db_xref="taxon:9606"
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1 (bases 1 to 25)

(Y. Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.
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Gu, Y. and Shannon, M.B.

Isoforms of human pregnancy-associated protein-B
Patent: US 6656700-A 1393 02-DEC-2003;

Location/Qualifiers
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Sequence 1393 from patent US 6656700.
AR434970
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1 (bases 1 to 25)
6.0. Hanzel,D.K., Rank,D.R., Chen,W. and Shamon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle patent: US 668188-A 15297 03-PEB-2004;
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1229046-A 3579 07-AUG-2002;
                                                                                                                                                                                                                                               Query Match
1.0%; Score 16.6; DB 1;
Best Local Similarity 82.6%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 4;
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Sequence 2683 from Patent WO0129262.
AX117560
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14.4%; Pred. No. 1.8e+02;
ve 0; Mismatches 1; Indels
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/organism="synthetic construct"
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                               20 bp I Sequence 281 from Patent W09934016. AX020781
                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 11 from Patent W00210452.
AX384811.
AX384811.1 GI:19577945
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Sequence 13 from Patent WO0210452.
AX384813.1 GI:19577947
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Best Local Similarity 94.4%;
Matches 17; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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ch 1.0%; Score 16.6; DB 1; Length 25; l Similarity 82.6%; Pred. No. 2.4e+02; 19; Conservative 0; Mismatches 4; Indels
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94.4%; Pred. No. 1.7e+02;
Ive 0; Mismatches 1; Indels
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Patent: BP 1229646-A 3584 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
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AXI29130
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                                                             216 AGGCCTGGATGAGAGTGGTG 238
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                              Vider, B.Z.
A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 281 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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Chang, C.

PAT 20-FEB-2004

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Antisense antibacterial method and composition
Patent: WO 0142457-A 65 14-JUN-2001;
Avi Biopharma, Inc. (US)
Location/Qualifiers
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Iversen,P.L.
Antisense antibacterial method and composition
Patent: US 6677153-A 65 13-JAN-2004;
Location/Qualifiers
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/mol type="unassigned DNA"
/note="antisense oligomer"
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A method of arraying genome clone.
BD089221 GI:22634831
JP 2001321190-A/1465.
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Sequence 65 from Patent WO0142457.
AX201240 GI:15391005
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AR452419.1 GI:42684066
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AX201240
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Unclassified.
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 76 09-NOV-1999;
Location/Qualifiers
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Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas. Oligonucleotide repeat arrays
Patent: US 5981185-A 48 09-NOV-1999;
Location/Qualifiers
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Methods and compositions for predicting prostate cancer Patent: WO 0210452-A 13 07-FEB-2002; University of Rochester (US) Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       21 bp
Sequence 76 from patent US 5981185.
AR084587
                                                                                                                                                                                                                                                                                                                                                      AR084559 21 bp
Sequence 48 from patent US 5981185.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                230 GTGGTGGTGGTGGCGCAGTG 250
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                                                                                                                                                                                                                                                                                                                                                                                            AR084559
AR084559.1 GI:10011330
                                                                                                                                                                                                                                                            23 CCCTCAGCCGCCGCTTCC 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.
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lest Local Similarity
Atches 18; Conserv
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sest Local Similarity
latches 18; Conserv
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RGANISM

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PAT 29-SEP-1997

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PAT 13-MAY-1997

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COMMENT

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23 bp DNA linear PAT 29-SEP-199 PCR primer, DR2 which is hybridized intron between exon 8 and exon 60 vitamin D receptor.
                                                                                                                                                                                                                                                                                                                                                                                                      unclassified.
1 (bases 1 to 23)
1 (bases 1 to 23)
Eguchi,H., Mochizuki,E., Kobayashi,S., Hosoda,K. and Shiraki,M.
ESTIMATION OF BONE DENSITY
PATCHT: JP 1996000295-A 2 09-JAN-1996;
TEIJIN LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24-JUN-1994 JP 1994143044
EGUCHI HIROSHI, MOCHIZUKI EMIKO, KOBAYASHI SHINJI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Artificial sequences' Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

0.9%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.9%; Score 16.2; DB 1; Length 23; 85.7%; Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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Keating, M.T., Curran, M.E. and Wang, Q.
Long QT syndrome genes
Patent: US 5599673-A 38 04-FEB-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      134845 23 bp | Sequence 38 from patent US 5599673.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1006 AACGAGAGGGGAGAGCTCAAG 1026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12Q1/68,C12N15/09;
strandedness: Single;
topology: Linear;
hypothetical: No;
anti-sense: Yes;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Artificial sequences.
JP 1996000295-A/2
09-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 AACCAGGGGAAGAGCTCAAG 21
        22 GGTGGTGGTGGGGGAACTGAC 2
                                                                                                                                                                                                                                                                                               E10526.1 GI:22027359 JP 1996000295-A/2.
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                                                                                                                                                                                                                                                                                                                                                 unidentified
                                                                                                                                                                                                                                                                                                                                                                                  unidentified
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Unclassified.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      None
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                                                                                                                                                                                                             DEFINITION
                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM
                                                                                                                        RESULT 74
E10526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AUTHORS
TITLE
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VERSION
KEYWORDS
SOURCE
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JOURNAL
FEATURES
                                                                                                                                                                                                                                                                  ACCESSION
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KEYWORDS
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Nagano, M., Ito, M., Sagehashi, Y., Hattori, H., Egashira, T.,
Yamashita, S. and Matsuzawa, Y.
Mathod of detecting risk factor for onset of arteriosclerosis

Datent: WO 0171032-A 25 27-SEP-2001,
BML INC, MAKOTO NAGANO, MAYDMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI,
TORU EGASHIRA, SHIZUYA YAMASHITA, YUJI MATSUZAWA
OS HOMO sapiens (human)
PN WO 0171032-A/25
PD 27-SEP-2001
PR 23-MAR-2001 WO 2001JP002327
PR 23-MAR-2000 JP 00P 084264
PI MAKOTO NAGANO, MAYUMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI, TORU
                                                                            Artificial Sequence
JP 2001321190-A/1465
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
CIINIS/09,CIINIS/09,CIINIS/09,CIINI3/56, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BD102262 22 bp DNA linear PAT 27-AUG-2002 Method of detecting risk factor for onset of arteriosclerosis. BD102262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
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MAKOTO NAGANO, MAYUMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI, TORU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EGASHIRA,
SHIZUYA YAMASHITA,YUJI MATSUZAWA
C12Q1/68,C12N15/12
Method of detecting risk factor for onset of arteriosclerosis
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Patent: JP 2001321190-A 1465 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                    FH
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0
                                                                                                                                                                                                                                                                                                                 Description of Artificial Sequence:Synthetic DNA Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match
0.9%; Score 16.2; DB 1; Length 22;
Pest Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.9%; Score 16.2; DB 1;
85.7%; Pred. No. 2.2e+02;
cive 0; Mismatches 3;

    .21
    forganism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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/db_xref="taxon:9606"
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WO 0171032-A/25.
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          18; Conservative
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OS ARTIÉ-
PN JP 20-
PD 20-NO'
PF 12-MAI
PI EIICH:
PC C12NI
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30102262/c NOILINIE

RESULT 73

Matches

FEATURES

RGANISM ACCESSION VERSION KEYWORDS SOURCE

REFERENCE AUTHORS TITLE

10017621-381.rge

1tches

JLT 76 38612/c US NOITING

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PAT 15-MAY-2001
         PAT 15-MAY-2001
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                           Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye
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ilarity 89.5%; Pred. No. 2.3e+02;
Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.9%; Score 15.8; DB 1; Length 19; Best Local Similarity 89.5%; Pred. No. 2.3e+02; Matches 17; Conservative 0; Mismatches 2; Indels
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="CdK7 ribozyme binding site"
                                                                                                                                                                                                                                                                                                           1. .19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_tref="taxon:9606"
/noTe="CdX7 ribozyme binding site"
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             DNA
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Patent: WO 0130362-A 761 03-MAY-2001;
INMUSOL, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: WO 0130362-A 762 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AXI30675 19 bp DP Sequence 1893 from Patent WO0130362.
AXI30675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 bp . Sequence 762 from Patent WO0130362. AXI29544
           AX129543 19 bp
Sequence 761 from Patent WO0130362.
AX129543
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                                                                  AX129543.1 GI:14135848
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                                                                                                                         Homo sapiens
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Les 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
|mol_trype="unassigned DNA"
|db_zref="taxon:33630"
|note="Hypothetical Probe Sequence"
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|mol_type="unassigned DNA"
|db_xref="texton:9606"
|noTe="cdk7 ribozyme binding site"
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Patent: WO 0130362-A 760 03-MAY-2001;
IMMUSOL, INC. (US)
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Sequence 374 from Patent WO0179548.
AX288612.
AX288612.1 GI:17050295
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                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Carnivora, Fissipedia, Canidae, Canis.
                                                                                            Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/wol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin D2 ribozyme binding site"
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1 (bases 1 to 20)
Dean,N.M. and Cowsert,L.M.
Antisense modulation of daxx expression
Patent: US 6180353-A 35 30-JAN-2001;
Location/Qualifiers
                                                                                                                                                                         Patent: WO 0130362-A 1893 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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JP 2002530091-A/386.
Canis familiaris (dog)
Canis familiaris
     Homo sapiens
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostcomi;
Bukaryota; Butheria; Carnivora; Fissipedia; Canidae; Canis.

(bases 1 to 20)

(adibert, F. and Andre, C.

Total genome radiation hybrid map of canine genome and its use for identification of interesting genes

identification of interesting genes

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

PA CANIS (and liaris (dog)

PN JP 2002530091-A/474

PD 17-SEP-2002

PR 13-NOV-1999 US 60/108193

PR 13-NOV-1998 US 60/108193

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/ vaganism='Canis familiaris (dog)'.
Location/Qualifiers
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89.5%; Pred. No. 2.5e+02;
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17-SEP-2002
15-NOV-1999 JP 2000582596
13-NOV-1998 US 60/108193
FRANCIS GALIBERT, CATHERINE ANDRE
C12N15/09, C12Q1/68, C12N15/00
A05022R
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
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JP 2002530091-A/474.
Canis familiaris (dog)
Canis familiaris
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Gaps

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PAT 03-APR-2003

linear

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ii.L., Ballinger,R.A., Padigaru,M., Kekuda,R., Colman,S.D., Spytek,K.A., Casman,S.J., Vernet,C.A., Shenoy,S.G., Ghsev,V., Malyankar,U.M., Edinger,S., Gerlach,V., Smithson,G., Stone,D.J., Gorore,P., Macdougall,J.R., Gunther,E., Peyman,J.A., Ellerman,K., Gangolli,E.A. and Millet,I. Geprotein coupled receptors and nucleic acids encoding same Patent: Wo 02059313-A 426 01-AUG-2002; Curagen Corporation (US)
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1 (bases 1 to 23)
Greisen, K.S. and Leong, D.U.
Methods and reagents for detection of bacteria in cerebrospinal fluid
Patent: US 5620847-A 35 15-APR-1997;
Location/Qualifiers
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81.8%; Pred. No. 3.4e+02;
ative 0; Mismatches 4; Indels
                            Query Match 0.9%; Score 15.6; DB 1; Length 22; Best Local Similarity 81.8%; Pred. No. 3.2e+02; Matches 18; Conservative 0; Mismatches 4; Indels
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Pred. No. 3.2e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer Sequence"
                                                                                                                                                                                                             22 bp DP Sequence 426 from Patent W002059313. AX703197
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Sequence 35 from patent US 5620847.
140277
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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                                                                                                   546 TGACAAGCCCTCAGCCGCGG 567
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Best Local Similarity 81.8%;
Matches 18; Conservative
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Matches 18; Conservative
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Unclassified.

(bases 1 to 22)

Peschle, C. and Ziegler, B.L.

Compositions and methods for use in affecting hematopoietic stem cell populations in mammals

Patent: US 6586192-A 5 01-JUL-2003;

Location/Qualifiers
                                                                                                      Roninson, I.B. and Chang, B.D. Reagents and methods for identifying and methods for identifying and medulating expression of
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                                                                                                                                            tumor senescence genes
Patent: WO 02061134-A 68 08-AUG-2002;
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Location/Qualifiers
                                                                                                                                                                                                                                                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              uery Match 0.9%; Score 15.6; DB 1; Length 22; Jest Local Similarity 81.8%; Pred. No. 3.2e+02;
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                                                                                                                                                                                                                                                                                                               uery Match 0.9%; Score 15.8; DB 1; est Local Similarity 89.5%; Pred. No. 2.5e+02; atches 17; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"
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Sequence 2 from patent US 5164305.
AR362279
AR362279.1 GI:34422162
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Sequence 5 from patent US 6586192.
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/mol_type="genomic DNA"
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       AX662857.1 GI:29163438
                                                          synthetic construct artificial sequences.
                                          synthetic construct
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1 (bases 1 to 22)
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Gaps

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PAT 13-MAY-1997

linear

DNA

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Gaps

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Indels

Length 22;

0;

Gaps

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Indels

PAT 11-MAY-2001

linear

VERSION KEYWORDS

SCURCE

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 235 25-OCT-2001,
CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 3513 26-APR-2001; Orchid BloSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.9%; Score 15.6; DB 1; Length 24; Best Local Similarity 81.8%; Pred. No. 3.7e+02; Matches 18; Conservative 0; Mismatches 4; Indels
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/mol_type="unassigned DNA"
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/nofe="Hypothetical Probe Sequence"
                                                                                                                                                 0.9%; Score 15.6; DB 1;
81.8%; Pred. No. 3.7e+02;
tive 0; Mismatches 4;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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1 (bases 1 to 24)
Hartley,J.L.
Protein size marker ladder
Patent: US 5449758-A 49 12-SEP-1995;
                                                                                                                                                                                                                                                                                                                                 Sequence 3513 from Patent W00129262.
AXI18390
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                                                                                                                    /mol_type="unassigned DNA"
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                                                                   Location/Qualifiers
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                                                                                                    /organism="unknown"
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AX288473/c
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Greisen,K.S. and Leong,D.U.
Methods and reagents for detection of bacteria in cerebrospinal
fluid
                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Location/Qualifiers

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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CQ754206
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                                                                                                                                                                                                                                                             Patent: US 5620847-A 36 15-APR-1997,
Location/Qualifiers
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114421
114421.1 GI:996904
                                                            140278 23 bp
Sequence 36 from patent US 5620847.
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artificial sequences.
                                                                                               I40278
I40278.1 GI:2082570
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Best Local Similarity 81.8
Matches 18; Conservative
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
                                                                                                                                                 Wolff, A.M., Appel, K.F., Petersen, J.B., Poulsen, U., Arnau, J. and Jacobsen, M.D.
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 544 02-DEC-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                             Query Match 0.9%; Score 15.6; DB 1; Best Local Similarity 52.2%; Pred. No. 3.7e+02; Matches 12; Conservative 7; Mismatches 4;
                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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        DNA
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                                                                                                                                                                               Recombinant dimorphic fungal cell
Patent: WO 02070721-A 20 12-SEP-2002;
Biotexnologisk Institut (DK)
Location/Qualifiers
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Sequence 20 from Patent WO02070721. AX537767
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/mol_type="genomic DNA"
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                                                      AX537767.1 GI:25269791
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Homo sapiens
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Unclassified.
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Matches 16; Conserv
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AX423568
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AR434121
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/mol_type="unassigned DNA"
/db Xref="taxon:12630"
/note="Computer Generated Probe Sequence."
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/organism="gynthetic construct"
/mol_e="unassigned DNA"
/db_xref="taxon:32630"
/nole="Hypothetical Probe Sequence"
           Pred. No. 3.7e+02;
0; Mismatches 4;
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Patent: WO 0216649-A 3122 28-FEB-2002,
Illumina, Inc. (US)
Location/Qualifiers
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AX289335
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                                                            1118 TCCTGCTTGGGTCCACGGACTA 1139
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             81.8%;
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             est Local Similarity
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537767/c
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/db_xref="taxon:10090"
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Best Local Similarity 94.1%;
Matches 16; Conservative '
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Best Local Similarity 94.1<sup>§</sup>
Matches 16, Conservative
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AR127171/c
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Patent: WO 0211674-A 1499 14-FEB-2002;
RIBOZYME FHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E.
Patent: WO 0188124-A 1904 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                      Gaps
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                                                                                                                                Query Match 0.9%; Score 15.4; DB 1; Length 17; Best Local Similarity 94.1%; Pred. No. 2.3e+02; Matches 16; Conservative 0; Mismatches 1; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3103 from Patent W003025176.
AX725416
AX725416.1 GI:30504759
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Sequence 1499 from Patent WO0211674.
                                                1. .17
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Mus musculus
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 JOURNAL
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1 (bases 1 to 19)
Dub. A., Faucheu, C., Hercend, T., Lalanne, J., Livingston, D.J. and Su, M.S.
Dub. SEQUENCES CODING FOR THE HUMAN PROTEINS TX AND TY RELATED TO THE INTRRLEUKIN-1BETA CONVERTING ENZYME
PATENT: WO 9604387-A 24 15-FEB-1996;
POTENT: WO 9604387-A 24 15-FEB-1996;
Other publication AU 3118095 960304
Other publication RR 2723378 960209.
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Diu,A., Faucheu,C., Hercend,T., Lalanne,J.Louis., Livingston,D.J.
and Su,M.
DNA sequences coding for the human proteins Tx and Ty related to
the interleukin-lbeta converting enzyme
Patent: US 6180386-A 24 30-JAN-2001;
Location/Qualifiers
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0.9%; Score 15.4; DB 1; Length 17; 94.1%; Pred. No. 2.3e+02; tive 0; Mismatches 1; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 24 from Patent W09604387.
A48884
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Sequence 24 from patent US 6180386.
AR127171 GI:14113764
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16; Conservative
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                                                     PAT 15-MAY-2001
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 44 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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/organism="Homo sapiens"
/db xref="taxon:9606"
/noTe="CdK3 ribozyme binding site"
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Sequence 24 from patent US 6355434.
ARI99403
ARI99403.1 GI:20249477
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                     AX129090 19 bp | Sequence 308 from Patent W00130362.
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Sequence 44 from Patent WO9934016.
AX020544
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    Location/Qualifiers
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16; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Drazen,J.M., In,K.-H., Asano,K., Beier,D. and Grobholz,J..
5-Lipoxygenase gene polymorphisms and their use in classifying
patients 08 6355434-A 24 12-MAR-2002,
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2008 15-MRR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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44.1%; Pred. No. 3.3e+02;
ve 0; Mismatches 1; Indels
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1 (bases 1 to 21)

Hiraoka,A., Sugimura,A. and Mio,H.

Hematopoietic stem cell growth factor (SCGF)

Patent: US 6541217-A 6 01-APR-2003;

Location/Qualifiers
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Sequence 2081 from Patent WO0118250.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/wol_type="unassigned DNA"
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Sequence 6 from patent US 6541217.
AR302251.1 GI:31690482
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PAT 23-NOV-2002

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DEFINITION ACCESSION VERSION KEYWORDS

ORGANISM

TITLE

EATURES

<EFERENCE
AUTHORS</pre>

RESULT 108 AX154199 LOCUS

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Welch, R.A. and Lathem, W.W.
E.coli 0157:h7 cl esterase inhibitor-binding protein and methods of
use
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94.1%; Pred. No. 3.3e+02;
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                            Patent: WO 0234918-A 13 02-MAY-2002, WISCONSIN ALUMNI RESEARCH FOUNDATION (US) Location/Qualifiers
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Sequence 13 from Patent WO0234918.
AX543865

    ..23
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    /db_xref="taxon:32644"

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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                       Score 15.4; DB 1; Length 21; Pred. No. 3.3e+02; 1; Mismatches 2; Indels
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Pred. No. 3.3e+02;
1; Mismatches 2; Indels
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Human single nucleotide polymorphisms
Patent: WO 0138776-A S38 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESERRCH (US)
Location/Qualifiers
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Human single nucleotide polymorphisms
Patent: WO 0138576-A 297 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
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                                                                                                                                                                                                                                                                                                                          21 bp
Sequence 297 from Patent W00138576.
AX154199
AX154199.1 GI:14535813
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Sequence 538 from Patent WO0138576.
AXIS4440
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Matches 16; Conservative
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VERSION KEYWORDS

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94.1%; Pred. No. 3.8e+02;
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Monia, B.P., Gaarde, W.A., Nero, P.S. and McKay, R.
Antisense modulation of P38 mitogen activated protein kinase
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Unclassified.

I (bases 1 to 20)

R Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections

AL Patent: US 6153595-A 34 28-NOV-2000;

Location Locations

1. .20

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/mol_type="unassigned DNA"
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/dev_stage="adult"
/tissue_lib="E. Ostrander, in pBluescript+"
1. .20
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                                                                     Query Match 0.9%; Score 15.2; DB 1; Best Local Similarity 85.0%; Pred. No. 3.3e+02; Matches 17; Conservative 0; Mismatches 3;
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 3;
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Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 3;
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Patent: US 6140124-A 29 31-OCT-2000;
Location/Qualifiers
1. 20
| lorganism="unknown" | mol_type="unassigned DNA"
                                                                                                                                                                                                                                                        Sequence 29 from patent US 6140124.
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Sequence 34 from patent US 6153595.
AR120030
AR120030.1 GI:14102729
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                                                                                                                                             662 ACAAAGGCAAAAGCAAGCTC 681
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AR120085/c
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AR120030/c
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AR117539/c
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Original source text: Canis familiaris (library: B. Ostrander, in pBluescript+) adult spleen DNA.
Submitted by:
Fred Hutchinson Cancer Research Center
Transplantation Biology Dept
1124 Columbia; Mailstop Mils
Seattle, WA 98104, USA
e-mail: EAOstranderable.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00 minute
Annealing: 55 or 59 degrees C for 0.45 minutes
PCR Cycles: 33
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                                                                           PAT 24-NOV-2000
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Ostrander, E.A., Mapa, F.A., Yee, M. and Rine, J.
One hundred and one new simple sequence repeat-based markers for
                                                                                                                                                                                                                            Groener,A.D. and Weimer,T.D.
Method for the detection of large concentrations of a virus in blood plasma and/ or blood serum using the polymerase chain reaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Location/Qualifiers
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    .23
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/db_xref="taxon:32644"

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CENTEON PHARMA GMBH (DE)
Location/Qualifiers
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Mamm. Genome 6 (3), 192-195 (1995)
95268214
                                                                           AX022849 2 from Patent EP0922771.
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Canis familiaris
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synthetic construct
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synthetic construct
attificial sequences.

I (bases 1 to 20)
Monia,B.P., Gaarde,W.A., Nero,P.S., Mckay,R. and Popoff,I.
Antisense modulation of p38 mitogen activated protein kinase
I SIS PHARMACEUTICALS INC
OS Artificial Sequence
NO Artificial Sequence
PN JP 2002540781-A/27
PD 03-DEC-2002
PF 04-APR-2000 JP 2000609429
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S.
Composition and method for treatment of CMV infections
Patent: US 6133595-A 89 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                           Query Match 0.9%; Score 15.2; DB 1; Length 20; 3est Local Similarity 85.0%; Pred. No. 3.3e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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Monia.B.P., Gaarde,W., Ward,D.T. and Cowsert,L.M.
Antisense modulation of MEKK1 expression
Patent: US 6168950-A 8 02-JAN-2001;
Location/Qualifiers
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Sequence 89 from patent US 6153595.
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Sequence 8 from patent US 6168950.
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BD250275.1 GI:33060045
JP 2002540781-A/27.
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Matches 17; Conservat
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Unclassified.
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Unclassified.
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AR120085.1
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06-APR-1999 US 09/286904
BRETT P MONIA, WILLIAM A GAARDE, PAMELA S NERO,ROBERT MCKAY,IAN
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                                                                   AG1P43/00,
C12N5/10,C12N9/99,C12N15/00,C12N5/00
Antisense modulation of p38 mitogen activated protein kinase
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                                                  C12N15/09, A61K31/711, A61P19/02, A61P29/00, A61P29/00, A61P37/06,
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synthetic construct
artificial sequences.
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Honsbo, T. and Saito, M.
Canine obsity gene, its gene product and process for producing it, and assaying regaent and assay
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                          Location/Qualifiers
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Sequence 62 from Patent W02003106681.
CQ759150 CQ759150.1 GI:44849141
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/db_xref="taxon:10116"
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Gaps

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PAT 20-APR-2002

linear

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Query Match

0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                   ch 0.9%; Score 15.2; DB 1; Length 20; il Similarity 85.0%; Pred. No. 3.3e+02; 17; Conservative 0; Mismatches 3; Indels
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Lim,D.J., Chun,Y.-M., Rhim,J.S. and Brackmann,D.E.
Immortalized human middle ear epithelial cell lines
Patent: US 6358688-A 14 19-MAR-2002;
Location/Qualifiers
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Bennett, C.F. and Cowsert, L.M.
Antisense modulation of calreticulin expression
Patent: US 6426220-A 54 30-UUL-2002;
Location/Qualifiers
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Sequence 14 from patent US 6358688.
AR200901
AR200901.1 GI:20251789
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Sequence 54 from patent US 6426220.
AR221415.
AR221415.1 GI:23328465
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity
Matches 17; Conserva
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AR226109
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C12N15/09, C07K14/47, C07K16/18, C12N1/21, C12P21/02, G01N33/53//
(C12P21/02, C12R1:19), C12N15/00
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Unclassitied.
1 (bases 1 to 20)
Anderson, K., Draper, K. and Baker, B.
Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Infections
Patent: US 5442049-A 34 15-AUG-1995;
Location/Qualifiers
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Location/Qualifiers
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85.0%; Pred. No. 3.3e+02;
tive 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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             Patent: JP 2000279171-A 4 10-OCT-2000;
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Sequence 34 from patent US 5442049.
113826
113826.1 GI:996256
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                                 MORINAGA & CO LTD
OS Artificial Sequence
PN JP 200279171-A/4
PD 10-OCT-2000
PF 30-MAR-1999 JP 1999081
PR TSUTCMU HONSHO, MASAYUI
PC C12N15/09, C07K14/47, C
PC (C12P21/02, C12R1:19), C
PC (C12P21/02,
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PAT 26-SEP-2002

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PAT 07-SEP-2000
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Vider, B.Z.
A method for identifying and characterizing cells and tissues
Patent: WO 9934016-A 285 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                      1 (bases i to 20)
Baetscher,M. and Brem,G.
Porcine totipotent cells and method for long-term culture
Patent: US 6703209-A 11 09-MAR-2004;
Location/Qualifiers
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   0.9%; Score 15.2; DB 1; Length 20;
85.0%; Pred. No. 3.3e+02;
Live 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                            AR482509 20 bp
Sequence 11 from patent US 6703209.
AR482509.1 GI:47244998
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Sequence 285 from Patent WO9934016.
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/mol_type="genomic DNA"
                                                                1028 TGGCTGACTTTGGCCTGGCC 1047
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Query Match 0.9%
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1 (bases 1 to 20)
Monia,B.P., Gaarde,W.A., Nero,P. and McKay,R.
Antisense modulation of p38 mitogen activated protein kinase
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                                                                                           Unclassified.

1 (bases 1 to 20)

Nydtt,/J and Freier,S.M.
Antinsense modulation of Her-1 expression
Patent: US 6444465-A 172 03-SBP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA
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1 (bases 1 to 20)
Bennett,C.F. and Watt,A.T.
Antisense inhibition of src-c expressipatent: US 6656732-A 163 02-DEC-2003;
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 Sequence 172 from patent US 6444465
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Sequence 29 from patent US 6448079.
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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                                 AR226109.1 GI:27264263
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Matches 17; Conservative
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AR437111/c
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PAT 18-SEP-2002
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1 (bases 1 to 21)

Bergsmard, J.Jon., Stambolian, D.Edward., Ruben, S.M. and Rosen, C.A..

Human galactokinase gene
Patent: US 5789223-A 10 04-AUG-1998;
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                                                                                                              0.9%; Score 15.2; DB 1; Length 20;
85.0%; Pred. No. 3.3e+02;
iive 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.3e+02;
ve 0; Mismatches 3; Indels
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High expression escherichia coli expression vector.
BD137479
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                         1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/bb_tref="taxon:32630"
/note="Oligonucleotide"
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/mol_type="genomic DNA"
/db_xref="taxon:562"
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Sequence 10 from patent US 5789223.
AR020912. GI:3975527
Universite Libre de Bruxelles (BE)
              Location/Qualifiers
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Matches 17; Conservative
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                                                                                                  Pykett,M.J., Rosenzweig,M. and Banu,N.
Methods and devices for obtaining non-hematopoietic lineage cells
from hematopoietic progenitor cells
Patent: WO 0121766-A 3 29-WAR-2001;
Cell Science Therapeutics (US)
                                                        Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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85.0%; Pred. No. 3.3e+02;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="human-specific globin primer"
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Pred. No. 3.3e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texcn:32630"
/noTe="Oligonucleotide"
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Sequence 32 from Patent WO03060119.
AX805828
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Sequence 32 from Patent EP1329506.
AX801596
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  GI:13619997
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Pari,G.S.
Oligonuclectides with anti-cytomegalovirus activity
Patent: US 5801235-A 24 01-SEP-1998;
Location/Qualifiers
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15.0%; Pred. No. 3.6e+02;
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1 (bases 1 to 21)

Cook, P. Dan. and Kawasaki, A. Mamoru.

2. -O-modified oligonucleotides
Patent: US 587232-A 19 16-FEB-1999;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
  Sequence 18 from patent US 5872232.
AR036526
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AR037493
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AR036527
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/organism="unknown"
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Matches 17; Conservative
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'Unknown.
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E 1 (bases 1 to 21)
S Cook,P.Dan. and Kawasaki,A.Mamoru.
2'-modified oligonucleotides
'AL Patent: US 5859221-A 19 12-JAN-1999;
Location/Qualifiers
' 21 "...known" - 1 nNA"
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1 (Dases 1 to 21)

Cook, P. Dan. and Kawasaki, A. Mamoru.
2'-modified oligomucleotides
Patent: US 5859221-A 18 12-JAN-1999;
Location/Qualifiers
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                       1. .21
/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 19 from patent US 5859221.
AR029143.1 GI:5941116
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Location/Qualifiers
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Best Local Similarity 85.0%;
Matches 17; Conservative
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AR029142/c
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Length 21;

PAT 01-SEP-2000

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1 (bases 1 to 21)
Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligomucleotide repeat arrays
Patent: US 5981185-A 50 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases i to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 73 09-NOV-1999;
Location/Qualifiers
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Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 88 09-NOV-1999;
                                                                                                                                           Query Match 0.9%; Score 15.2; DB 1; Length 2 Best Local Similarity 85.0%; Pred. No. 3.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.6e+02;
trive 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.6e+02;
trive 0; Mismatches 3;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 73 from patent US 5981185.
AR084584
AR084584.1 GI:10011355
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Best Local Similarity 85.0%
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Best Local Similarity 85.03
Matches 17; Conservative
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AR084599
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1 (bases 1 to 21)
Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonuclectide repeat arrays
Patent: US 5981185-A 36 09-NOV-1999;
Location/Qualifiers
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85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3; Indels
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 85.0%; Pred. No. 3.6e+02; ive 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                               Human galactokinase gene
Patent: US 5830649-A 10 03-NOV-1998;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 10 from patent US 5830649.
AR051035
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Sequence 50 from patent US 5981185.
AR084561.1 GI:10011332
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/mol_type="unassigned DNA"
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                                             130 CGGATGAAGAAGATCAAACG 149
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                                                                                                                                                                                                                                                Unclassified.
1 (bases 1 to 21)
Bergsma, D.Jon. and
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84561/c
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Length 21;

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PAT 14-FEB-2001
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1 (Dases 1 to 21)
Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CMV infections
Patent: US 6153595-A 22 28-NOV-2000;
                                                  Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.9%; Score 15.2; DB 1; Length 21; Best Local Similarity 85.0%; Pred. No. 3.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
Synthesis of sulfurized oligonucleotides
Patent: US 6114519-A 7 05-SEP-2000;
                                                 0.9%; Score 15.2; DB 1;
ilarity 85.0%; Pred. No. 3.6e+02;
Conservative 0; Mismatches 3;
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 22 from patent US 6153595.
AR120018
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AR110489.1 GI:12826765
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Best Local Similarity 85.0
Matches 17; Conservative
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AR110489/c
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Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
Synthesis of sulfurized oligonucleotides
Patent: US 614519-A 3 05-SEP-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DNA
                                                                                                                                                                  1 (bases 1 to 21)
Cook, P. Dan. and Kawasaki, A. Mamoru.
2'-modified oligonucleotides
Patent: US 6005087-A 18 21-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.

1 (Dases 1 to 21)

Cook, P. Dan. and Kawasaki, A. Mamoru.
2 '-modified oligonucleotides
Patent: US 6005087-A 19 21-DEC-1999;
Location/Qualifiers
                                        Sequence 18 from patent US 6005087.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 19 from patent US 6005087.
                                                                                                                                                                                                                                                                                 /mol_type="unassigned DNA"
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/organism="unknown"
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AR110485.1 GI:12826761
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                                                                                          AR096059.1 GI:10024516
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Unclassified.
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17; Conserv
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Matches 17; Conserv
                                                                                                                       Unknown.
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Best Local S:
Matches 17,
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           RESULT 145
AR096059/c
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ACCESSION
VERSION
KEYWORDS
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source

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REFERENCE AUTHORS TITLE COURNAL

RESULT 146

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AUTHORS TITLE JOURNAL

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RESULT 147

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PAT 17-OCT-2001
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85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3; Indels
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  3; Indels
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## Unclassified.

## I (bases 1 to 21)

## Sangavi, Y. and Manoharan, M.

## Activators for Oligonuclectide synthesis

## Activato
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Unclassified.
3 1 (bases 1 to 21)
S Sanghvi,Y. and Manoharan,M.
Activators for oligonucleotide synthesis
AL Patent: US 6274725-A 26 14-AUG-2001;
Location/Qualifiers
21
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Pred. No. 3.6e+02;
0; Mismatches 3;
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 34 from patent US 6274725.
AR165329
AR165329.1 GI:16238893
  0; Mismatches
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/mol_type="unassigned DNA"
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Sequence 12 from patent US 6274725.
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                                             130 CGGATGAAGAAGATCAAACG 149
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Best Local Similarity 85.0%;
Matches 17; Conservative
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Best Local Similarity 85.03
Matches 17; Conservative
    17; Conservative
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Unclassified.
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ORGANISM
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AR165307/c
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JOURNAL
FEATURES
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AR165321/c
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VERSION
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JOURNAL
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VERSION
KEYWORDS
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KEYWORDS
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                                                                                                                                 1 (bases 1 to 21)
Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CWV infections Patent: 16.13595-A 88 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                               0.9%; Score 15.2; DB 1; Length 21; 85.0%; Pred. No. 3.6e+02; tive 0; Mismatches 3; Indels
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Capaldi,D.c. and Ravikumar,V.T.
Process for the synthesis of oligomeric compounds
Patent: US 6160152-A 3 12-DEC-2000,
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85.0%; Pred. No. 3.6e+02;
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1 (bases 1 to 21)
Sanghvi,Y. and Manoharan,M.
Activators for Oligonucleotide synth
Patent: US 6274725-A 3 14-AUG-2001;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 3 from patent US 6160152.
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/organism="unknown"
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AR121943.1 GI:14105519
                               GI:14102783
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INITION
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BD183788

SWOVEL G protein-coupled receptor and its DNA.

BD183788.1 G1:31875988

BD183788.1 G1:31875988

SWITHCHIC CONSTRUCT

SWITHCHIC CONSTRUCT

STATISTICIAL SEQUENCES.

I (bases 1 to 21)

SATO, S., Shintani, Y., Miyajima, N. and Yoshimura, K.

NOVEL G protein-coupled receptor and its DNA

NOVEL G protein-coupled receptor and its DNA

Artificial Sequence

AREDA CHEMICAL INDUSTRIES LTD

OS Artificial Sequence

PROTEC-2002;

PROTEC-2001 JP 2001315358

PROTEC-2001 JP 2001315358
                                                                                            PAT 17-JUN-2003
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A61P25/00,A61P35/00,C07K14/705,C07K16/28,C12N1/15,C12N1/19, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                G01N33/53,G01N33/566,G01N33/574,C12N15/00,C12N5/00,C12N5/00 CC Designed oligonucleotide primer to amplify DNA encoding human CC
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A61P25/00,A61P35/00,C07K14/705,C07K16/28,C12N1/15,C12N1/19, PC
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Novel G protein-coupled receptor and its DNA.
BD183777
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    .21
    forganism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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G01N33/53,
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BD183788/c
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Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative
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1 (bases 1 to 21)
Sanghvi,Y. and Manoharan,M.
Activators for oligonucleotide synthesis
Patent: US 6274725-A 34 14-AUG-2001,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 21)
Sanghvi, Y. and Manoharan, M.
Activators for oligonucleotide synthesis
Patent: US 6274725-A 41 14-AUG-2001,
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 41 from patent US 6274725. AR165336
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/mol_type="unassigned DNA"
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Sequence 3 from patent US 6326478.
AR179698 1 GI:20221253
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130 CGGATGAAGAAGATCAAACG 149
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Best Local Similarity 85.0
Matches 17; Conservative
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BD209852/c
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Patent: WO 03007187-A 17 23-JAN-2003;
Prediction method of ligand
OS Artificial Sequence
PN WO 03007187-A/17
PN 11-JUL-2002 WO 2002JP007057
PR 12-JUL-2001 JP 01P 212749
PI HROSHI INOOKA, YOSHIO YAMAMOTO
CC Primer
CC Primer
PH Key
Location/Qualifiers
FT Source
//organism='Artificial Sequence'.
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                             G01N33/53, G01N33/566, G01N33/574, C12N15/00, C12N5/00, C12N5/00 CC
C12N5/10,C12N5/10,C12P21/02,C12Q1/68,G01N33/15,G01N33/50, PC
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/organism='Artificial Sequence'
Location/Qualifiers
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Location/Qualifiers
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                          Location/Qualifiers
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Prediction method of ligand.
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
Inooka, H. and Yamamoto, Y.
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BD192566.1 GI:33002305
JP 2002510319-A/131.
synthetic construct
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Compositions and methods for topical delivery of oligonucleotides

AL ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PR 20-MAY-1999 US 09/08236

PR 21-MAY-1999 US 09/08236

PR 24-MAY-1738,

PC 24-MAILWAPT/18,

PC CO7721/04/C12M15/09,C12Q1/68,C12N15/00

CC Antisense Sequence

Location/Qualifiers
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artificial sequences.
I (bases I to 21)
Teng, C.L. and Hardee, G.
Compositions and methods for the delivery of oligonucleotides via
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                                                                                                                                                                                                the alimentary canal
L Patent: UP 2002510319-A 131 02-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002510319-A/131
PD 02-APR-2002
PF 01-UUL-1998 UP 1999507295
PR 01-UUL-1997 US 08/886829
PI CHING LEOU TENG,GREG HARDEE
PC C12Q1/68,A61K9/127,A61K48/00,C07H21/04
CC Description of Artificial Sequence: Novel Sequence FH Ke Location/Qualifiers
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artificial sequences.

The bases 1 to 21)
Mehta, R., Hardee, G.B., Cook, P.D., Ecker, D.J., Tsai, Y.J. and
Templin, M.V.
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/mol type="genomic DRA"
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//mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
sm synthetic construct
artificial sequences.

Hardee, G.E., Tillman, L.G., Mehta, R.C. and Teng, C.L.

Hardee, G.E., Tillman, L.G., Mehta, R.C. and Teng, C.L.

Hardee, G.E., Tillman, L.G., Mehta, R.C. and Teng, C.L.

Shaterit: JP 2002537343-A 6 05-NOV-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PD 05-NOV-2002

PP 23-FEB-2000 JP 200600661

PR 23-FEB-1999 US 09/256515

PR 23-FEB-1999 US 09/256515

PR GREGORY E HARDEE, LLOYD G TILLMAN, RAHUL C MEHTA, CHING LEOU TENG

PR AMIXI/711, A61K9/20, A61K9/48, A61K47/10, A61K47/14, PC
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0
                                                                                                                                              0.9%; Score 15.2; DB 1; Length 21; 85.0%; Pred. No. 3.6e+02;
                /organism='Artificial Sequence'
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/organism='Artificial Sequence'
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    .21
    'organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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    .21
    /organism="synthetic construct"

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JP 2002537343-A/6.
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
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Matches 17; Conservative
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Best Local Similarity
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BD272010/c
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TITLE
JOURNAL
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LOCUS
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN 4D 2002515513-A/2
PD 28-MAY-2002
PF 20-MAY-1999 US 09/083586
PF 20-MAY-1999 US 09/083586
PT CLARENCE FRANK BENNETT, DAVID J ECKER, PHILIP DAN COOK PC
A61K48/00, A61K31/712, A61K31/7125, C12N15/09, C12P19/34, C12Q1/68, PC
C12N15/00
CC Antisense Sequence
FH Key
L - 21
L - 21
FT source
/organism='Artificial Sequence'.
                                                                                      BD226786 21 bp DNA linear PAT 17-JUL-2003 Compositions and methods for the pulmonary delivery of nucleic
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GREGORY E HARDEE, LLOYD G TILLMAN, RAHUL C MEHTA, CHING LEOU TENG
A61K31/711, A61K9/20, A61K9/48, A61K47/10, A61K47/12, A61K47/14, PC
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BD226786.1 GT:33036556
JP 2002515513-A/2.
Synthetic construct
artificial sequences.
1 (bases 1 to 21)
Bennett, C.F., Ecker, D.J. and Cook, P.D.
Compositions and methods for the pulmonary delivery of nucleic acids.
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C A61K47/32,A61K47/38,A61K47/48,A61K48/00,A61P35/00 CC
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I (bases 1 to 21)

Hardee,G.E., Tillman,L.G., Mehta,R.C. and Teng,C.L.
Multiparticulate formulation
Multiparticulate formulation
Patent: JP 2002537343-A 3 05-NOV-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002557343-A/3
PP 05-NOV-2002
PP 23-FEB-2000 JP 200660661
PR 23-FEB-2000 JP 200660661
PR 23-FEB-1999 US 09/256515
PI GREGORY E HARDEE,LLOYD G TILLMAN, RAHUL C MEHTA, CHI
PC A61K31/711, A61K9/20, A61K9/48, A61K47/10, A61K47/12, A
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/organism='Artificial Sequence'
Location/Qualifiers
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Pred. No. 3.6e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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85.0%; Pred. No. ...
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BD272007
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JP 2002537343-A/3.
synthetic construct
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21 CGCAAGAAGAAGAGCAAACG
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Best Local Similarity 85.0°
Matches 17; Conservative
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Devaux, C.3., Bes, C., Briant-Longuet, L., Cerutti, M., Devauchelle, G., Chardes, T., Granier, C. and Pau, B.
Mutant fab fragments of the chimeric 13b8.2 anti-cd4 antibody anduses thereof
Patent: WO 2004005350-A 39 15-JAN-2004;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PAT 28-APR-2004
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.
Unclassified.
1 (bases 1 to 21)
Anderson,K., Draper,K. and Baker,B.
Oligomucleotides for modulating the effects of cytomegalovirus infections
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                                                                                                                                                                                                                                                                                                              Score 15.2; DB 1; Length 2
Pred. No. 3.6e+02;
0; Mismatches 3; Indels
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                             /organism="synthetic construct"
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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
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/db_xref="taxon:9606"
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                 CQ766962.1 GI:44909132
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Best Local Similarity 85.0%;
Matches 17; Conservative (
                                                                             artificial sequences.
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synthetic construct
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 CQ766962
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R 06-APR-1999 US 09/287175
I CHAISTOPHER PAUL LEAMON
C C07C323/52,A61K9/127,A61K47/28,C07C323/60,C07F9/10,C07J9/00 CC 01igonucleotide
                                                                                06-APR-2000 JP 2000609038

06-APR-1999 US 09/287175

CHRISTOPHER PAUL LEAMON

COTG323/52,A6IK9/127,A6IK47/28,C07C323/60,C07F9/10,C07J9/00 CC

Oligonucleotide
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Location/Qualifiers
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/organism='Artificial Sequence'
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85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3;
Patent: JP 2002541089-A 3 03-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002541089-A/3
PD 03-DEC-2002
PF 06-ARP-1999 US 09/287175
PI CHRISTOPHER PAUL LEAMON
PC C07G323/52,A61K9/127,A61K47/28,C07G3

    1. .21
    /organism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: JP 2002541089-A 6 03-DEC-2002;
ISIS PHRANACUTICALS INC
OS Artificial Sequence
PN JP 2002541089-A/6
PD 03-DEC-2002
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artificial sequences.
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Cook,P.D. and Hoke,G.
Oligonucleotides having phosphorothioate linkages of high chiral
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Unclassified.
1 (basses 1 to 21)
Anderson, K.P. and Draper, K.G.
Oligonucleotides for modulating the effects of cytomegalovirus
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1 (bases 1 to 21)

Draper, K.G., (Abaman, S.K. and Kisner, D.L.

Capper, K.G., (Abaman, S.K. and Kisner, D.L.

Patent: US 5595978-A 1 21-JAN-1997;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                Query Match 0.9%; Score 15.2; DB 1; Length 21; Best Local Similarity 85.0%; Pred. No. 3.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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Patent: US 5591720-A 22 07-JAN-1997;
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                              Patent: US 5587361-A 7 24-DEC-1996;
Location/Qualifiers
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/mol_type="unassigned DNA"
                                     132394 21 bp
Sequence 7 from patent US 5587361.
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134237
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133448.1 GI:1824239
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 88 15-AUG-1995;
                                                                                                                                  Gaps
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Cook, P.D. and Hoke, G.
Oligonucleotides for modulating hepatitis C virus having
phosphorothioate linkages of high chiral purity
Patent: US 5576302-A 7 19-NOV-1996;
Location/Qualiflers
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                                                                                             Query Match 0.9%; Score 15.2; DB 1; Length 21; Set Local Similarity 85.0%; Pred. No. 3.6e+02; Atches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3; Indels
JOURNAL Patent: US 5442049-A 22 15-AUG-1995;
ATURES Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                              1. .21
/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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129011.1 GI:1819802
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113880.1 GI:996310
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PAT 07-OCT-1997
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      PAT 07-0CT-1997
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                                                                                                                                      1 (bases 1 to 21)
Wyrzykiewicz,T.K.
Myrzykiewicz,T.K.
Methods for characterizing phosphorothioate oligonucleotides
Patent: US 5629150-A 1 13-MAY-1997;
Location/Qualifiers
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1 (bases 1 to 21)

Cook, P.Dan. and Hoke,G.
Oligoniclectides for modulating Ha-ras or Ki-ras having phosphorothioate linkages of high chiral purity Patent: US 5661184-A 7 26-AUG-1997;
Location/Qualifiers
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85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3;
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/mol_type="unassigned DNA"
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Sequence 7 from patent US 5661134.
163127 1 GI:2480835
21 bp
Sequence 1 from patent US 5629150.
142176.1 GI:2467671
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Sequence 7 from patent US 5654284.
159718.
159718.1 GI:2478350
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/organism="unknown"
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1 (bases 1 to 21)
Cook, P.D. and Hoke, G.
Oligonucleotides for modulating cytomegalovirus having phosphorothhoate linkages of high chiral purity
Patent: US 5607923-A 7 04-MAR-1997;
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1 Similarity 85.0%; Pred. No. 3.6e+02;
17; Conservative 0; Mismatches 3; Indels
                                                                         ch 0.9%; Score 15.2; DB 1; Length 2
1 Similarity 85.0%; Pred. No. 3.6e+02;
17; Conservative 0; Mismatches 3; Indels
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Pred. No. 3.6e+02;
0; Mismatches 3;
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Sequence 7 from patent US 5620963.
140396.1 GI:2082688
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Sequence 7 from patent US 5607923.
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                        organism="unknown"
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Cook, P.D. and Hoke, G.
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1 Similarity 85.0%; Pred. No. 3.6e+02;
17; Conservative 0; Mismatches 3;
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Sugar modified oligonucleotides
Sugar modified oligonucleotides
Patent: US 6399754-A 18 04-JUN-2002;
Location/Qualifiers
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Sugar modified oligonucleotides
Patent: US 6399754-A 19 04-UUN-2002;
Location/Qualifiers
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AR212292.1 GI:21515827
                                                                                                                  1 (bases 1 to 21)
Leamon, C. Paul.
Fusogenic lipids and vesicles
Patent: US 6379698-A 6 30-APR-2002;
Location/Qualifiers
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/organism="unknown"
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AR212293
AR212293.1 GI:21515829
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   Sequence 6 from patent US 6379698.
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AR207555.1 GI:21507339
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1 (bases 1 to 21)
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AR212292/c
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AR212293/c
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1 (bases 1 to 21)

Bennett, C.Frank., Dean, N.M., Cook, P.Dan. and Hoke, G.

Antisense oligonucleotides which have phosphorothioate linkages of high chiral purity and which modulate .Deta.I, .beta.II, .gamma., .delta., .EPSILON., .zeta. and .eta. isoforms of human protein kinase C.
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                          Ouery Match 0.9%; Score 15.2; DB 1; Length 21; Sest Local Similarity 85.0%; Pred. No. 3.6e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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Sest Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3;
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Location/Qualifiers
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AR182820
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Patent: US 6379698-A 3 30-APR-2002;
Location/Qualifiers
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Sequence 3 from patent US 6379698.
AR207552 AR207552.1 GI:21507335
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Unclassified.
1 (bases 1 to 21)
Leamon, C. Paul.
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Unknown.
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Ravikumar,V.T., Capaldi,D.C. and Cole,D.L.
Processes for the synthesis of oligomers using phosphoramidite
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0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                             Score 15.2; DB 1; Length 21;
Pred. No. 3.6e+02;
          1 (bases 1 to 21)
Martin, P., Altmann, K.-H., Cook, P.D. and Monia, B.P. Sugar-modified gapped oligonucleotides
Patent: US 6451991-A 24 17-SEP-2002;
Location/Qualifiers
                                                                                                                                                                             3; Indels
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Ensley,B.D.
Recombinant hair treatment compositions
Patent: US 6572845-A 4 03-JUN-2003;
                                                                                                                                                                                                                                                                                                                DNA
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85.0%; Pred. No. ...
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Location/Qualifiers
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Sequence 3 from patent US 6610842.
AR390754
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/organism="unknown"
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Matches 17; Conservative
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AR390754/c
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Martin, P., Altmann, K.-H., Cook, P.D. and Monia, B.P.
Sugar-modified gapped oligonucleotides
Patent: US 6451991.A 23 17-SEP-2002;
Location/Qualifiers
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Cheruvallath,Z.S., Ravikumar,V.T. and Cole,D.L.
Process for the synthesis of oligomeric compounds
Patent: US 6399756-A 3 04-JUN-2002;
Location/Qualifiers
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                 Indels
 85.0%; Pred. No. 3.6e+02;
tive 0; Mismatches 3;
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Sequence 24 from patent US 6451991.
AR231432
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Sequence 23 from patent US 6451991.
AR231431
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                                                                                                                                                 Sequence 3 from patent US 6399756.
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/organism="unknown"
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                    Conservative
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85.0%; Pred. No. 3.6e+02;
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85.0%; Pred. No. 3.6e+02;
                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 21)
Mancharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 34 04-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 21)
Mancharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 41 04-NOV-2003;
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                                             /mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Best Local Similarity 85.0°
Matches 17; Conservative
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Best Local Similarity
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AR452809/c
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AR429306/c
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Pred. No. 3.6e+02;
                                                                                                                                                                            1 (bases 1 to 21)
Manoharan, and Ravikumar, V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 3 04-NOV-2003;
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1 (bases 1 to 21)

Mancharan, M. and Ravikumar, V.T.

Activators for oligonucleoride synthesis

Patent: US 6642373-A 26 04-NOV-2003;
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Manoharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 12 04-NOV-2003;
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Sequence 12 from patent US 6642373.
AR429277
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Sequence 26 from patent US 6642373.
AR429291
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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CGCAAGAAGAAGAGCAAACG
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Oligonucleotide"
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Method of treating HIV infection and related secondary infections
thereof
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                                                                                                        Theses 1 to 21)
Cheruvallath, Z.S., Ravikumar, V.T. and Cole, D.L.
Intermediates for the synthesis of oligonucleotide analogues
Patent: 18 667/471-A 3 13-DAN-2004;
Location/Qualifiers
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Location/Qualifiers
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Sequence 12 from Patent WO0108707.
AX081333
 Sequence 3 from patent US 6677471.
AR452809
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/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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                                   AR452809.1 GI:42684835
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synthetic construct
artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Single nucleotide polymorphisms in genes
Patent: WO Ollasso.A 1986 15-WAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Polyamide nucleic acid derivatives, agents and methods for producing them
Patent: Wo 0.179216-A 1 25-OCT-2001;
Aventls Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Sequenz:Oligonukleotide"
Score 15.2; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 3;
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Sequence 1 from Patent W00179216.
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PAT 13-FEB-2003
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Cpg-like nucleic acids and methods of use thereof
Patent: WO 02069369-A 9 06-SEP-2002;
Coley Pharmaceutical Group, Ltd (BM)
Location/Qualifiers
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Sequence 13 from Patent WO02069369.
AX593899
AX593899.1 GI:28375158
                                      Sequence 9 from Patent W002069369.
AX593895
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Polyamide nucleic acid derivatives, agents and methods for producing the same producing the same better: WO 0179249-A 1 25-0CT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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/organism="synthetic construct"
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85.0%; Pred. No. 3.6e+02;
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Sequence 21 from Patent W00242441.
AX452335
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AX283237
                       130 CGGATGAAGAAGATCAAACG 149
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PD 24-APR-2001
PP 31-AUG-2000
PP 200262865
PR 06-JUN-1995 US 08/461967,06-JUN-1995 US 08/467597 PR 06-JUN-1995 US 08/468569 PR 06-JUN-1995 US 08/4686981,06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471969 PR 06-JUN-1995 US 08/471969 PR DAN COCK, GLENN HAWK
PC COTH21/00, AGIK31/7125, AGIK48/00, AGIP1/16, AGIP27/02, AGIP29/00, PC AGIP31/14,
PC AGIP31/14,
PC AGIP31/14,
PC AGIP31/14,
PC AGIP31/14,
CC Strandedness: Single;
CC Topology: Linear;
CC High-chimeric purity phosphorothioate bond-containing CC
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High-chimeric purity phosphorothioate bond-containing
oligonucleotide
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Cook, P.D. and Hawk, G.
High-chimeric purity phosphorothioate bond-containing
Patent: JP 201114798-A 7 24-APR-2001;
OSIS PHARMACEUTICALS INC
OS Unidentified
                                                                                                                                                                                                                                                                                                                              BD014106 21 bp DNA linear PF High-chimeric purity phosphorothioate bond-containing oligonucleotide.
BD014106 BD014106.1 GI:22554435
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                                                                                                     3; Indels
                                                      Length
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Location/Qualifiers
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Pred. No. 3.6e+02;
                                              0.9%; Score 15.2; DB 1;
ilarity 85.0%; Pred..No. 3.6e+02;
Conservative 0; Mismatches 3;
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85.0%; Pred. No. s.c.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/db_xref="taxon:32644"
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                                                                                                                                                       130 CGGATGAAGAAGATCAAACG 149
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BD056568.1 GI:22602174
PP 2001508291-A/25.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
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Best Local Similarity 85.0
Matches 17; Conservative
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unidentified
unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unclassified
                                                    Query Match
Best Local Similarity
Matches 17; Conserv
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BD056568/c
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                                                                                PAT 25-NOV-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                      1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/dol_xref="taxon:32630"
/note="amorice antisens de l'exon 10 du gene CFTR (cystic fibrosis transmembrane regulator)."
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ISIS PHARNACEUTICALS INC
OS Unidentified
PN JP 2001103987-A/7
PD 17-APR-2001
PP 31-AUG-2000 UP 2000262871
PR 06-JUN-1995 US 08/471967,06-JUN-1995 US 08/467597 PP 06-JUN-1995 US 08/466622,06-JUN-1995 US 08/467597 PP 06-JUN-1995 US 08/466622,06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471966 PR 06-JUN-1995 US 08/471966 PR DAN COOK,GLENN HAWK
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Rabbit nuclear cloning method and uses thereof
Patent: WO 03059053-A 4 24-JUL-2003;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (FR)
                                                                                   linear
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85.0%; Pred. No. 3.6e+02;
ative 0; Mismatches 3;
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Sequence 4 from Patent W003059053.
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/organism="unidentified"
/mol_type="genomic DNA"
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JP 2001103987-A/7.
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artificial sequences.
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Cook, P.D. and Hawk, G.
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PCR primer.
E05473
Query Match
Best Local Similarity
Matches 17; Conserv
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PC A61P5
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                 Method to diagnose and treat pathological conditions resulting from deficient ion transport
Patent: JP 2001508291-A 25 26-JUN-2001;
VALE UNIVERSITY
OS Artificial Sequence
PD 26-JUN-2001
PD 26-JUN-2001
PD 40-JUN-2001
PD 60-JUN-2001
PD 60-JUN-2001
PD 60-JUN-2001
PD 78-JUN-2001

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Sw synthetic construct
artificial sequences.

E 1 (bases 1 to 21)
Sato, S., Shintani, Y., Miyajima, N. and Yoshimura, K.
Novel G protein-coupled receptor protein and its DNA
Datent: WO 0231145.A 5 18-APR-2002;
TAREDA CHRMICAL INDUSTIES LTD, SHUJI SATO, YASUSHI SHINTANI,
NOBUYUKI MIYAJIMA, KOJI YOSHIMURA
OS Artificial Sequence
PN WO 023145.A/5
PD 18-APR-2002
PF 12-OCT-2001 WO 20010P008977
PR 13-OCT-2000 JP 00P 313533,16-NOV-2000 JP 00P 350057 PI
SHUJI SATO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA, KOJI YOSHIMURA PC
CIZNI, SL2, CIZNI, (21, CIZNI, 21, CIZNI, 22, PC
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PC C12P21/08, (C12P21/02,C12R1:19), (C12N1/21,C12R1:19)
Designed Oligonucleotide primer to amplify DNA encoding
TGR23-1 or
                                                                                                                                                                                                                                                                                                                                                      PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC for analysis of human TSC gene Location/Qualifiers.
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BD168669
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db.xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0231145-A/5.
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AUTHORS
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PR 13-OCT-2000 JP 00P 350057 PI 3-OCT-2000 JP 00P 350057 PI SHUJI SATO, XASUSHI SHINTANI, NOBUYUKI MIXAJIMA, KOJI YOSHIMURA PC CIZNIS/12, CIZNI/21, CIZNI/210, CO7K14/705, CO7K16/28, CIZPZ1/02, PC CIZQI/68,
                                                                                                                                                                                                                                                                                                                                                               synthetic construct
synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 21)
S Sato, S., Shintani, Y., Miyajima, N. and Yoshimura, K.
Novel G protein-coupled receptor protein and its DNA
IN Patent: WO 0231145-A 16 18-APP-2002;
TAKEDA CHEMICAL INDUSTRIES LTD, SHUJI SATO, YASUSHI SHINTANI,
NOBUYUKI MIYAJIMA, KOJI YOSHIMURA
OS Artificial Sequence
PN WO 0231145-A/16
PD 18-APR-2002
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SUMITOMO CHEM CO LID, SUMITOMO PHARMACEUT CO LID, BIOTEST AG,
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Key
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Novel G protein-coupled receptor protein and its DNA.
BD168680
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  Length 21;
                                               Indels
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Score 15.2; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0231145-A/16.
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Nakatani,T., Gomi,H., J
ANTHROPOMORPHISM B-B10
0.9%;
85.0%;
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PAT 17-AUG-2003

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PAT 15-AUG-2001

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Unclassified.

1 (bases 1 to 22)
Prayaga,S.K., Majumder,K., Taillon,B., Spaderna,S.K., Spytek,K. and MacDougall,J.
MacDougall,J.
Polypeptides and nucleic acids encoding same
Polypeptides and nucleic acids encoding same
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prayaga,S.K., Majumder,K., Taillon,B.E., Spaderna,S.K., Spytek,K.A. and Macdougall,J.
Novel Polypeptides and nucleic acids encoding same
Patent: WO 0149729-A 68 12-JUL-2001;
Curagen Corporation (US)
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                                                                                                                                                                                                                                                                                                                             Length 22;
                     linear
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85.0%; Pred. No. 3.9e+02;
trive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol type="unassigned DNA"
/mol type="nassigned DNA"
/mol xref="taxon:32630"
/note="PCR PRIMBR"
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              22 bp 1
Sequence 68 from patent US 6600019.
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Sequence 68 from Patent WO0149729.
                                                                                                                                                                                                                                                                      /organism="unknown"
/wol_type="genomic DNA"
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                                                                      AR361958.1 GI:33770018
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Best Local Similarity
Matches 17; Conserva
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                                   DEFINITION
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AX192252/c
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JOURNAL
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     AR361958/c
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AUTHORS
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OS Artificial gene
OC Artificial sequence; Genes.
DC Artificial sequence; Genes.
NO JF 199324482-A/1
PD 24-SEP-1993
PF 06-DEC-1991 JP 1991323319
PF 06-DEC-1991 JP 1991323319
PF OC TOPEALOR, GOMI HIDBYUKI, JIYON WAIDENESU, PI NOGUCHI HIROSHI COMOCHI HIROSHI Linear;
CC 12P2AJOR, Linear;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
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Location/Qualifiers
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85.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 3; Indels
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Nagamune, T., Ueda, H., Kazami, J. and Kono, H.
LABELING OF CELLI
Patent: UP 1997056384-A 3 04-MAR-1997;
TORAY IND INC
                                                                                                                                                                                                                                                                                                         uery Match 0.9%; Score 15.2; DB 1; est Local Similarity 85.0%; Pred. No. 3.9e+02; atches 17; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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PAT 03-APR-2003

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Patent: US 5801015-A 18 01-SEP-1998;
Location/Qualifiers
        AR022536 23 bp 1
Sequence 18 from patent US 5792850.
                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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Sequence 18 from patent US 5801015.
AR037053
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Sequence 18 from patent US 6080406.
AR099909
                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                             /organism="unknown"
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                                            AR022536.1 GI:3976598
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Best Local Similarity 85.0
Matches 17; Conservative
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Best Local Similarity 60.9
Matches 14; Conservative
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NA 0246395-A/26
PN WO 0246395-A/26
PN WO 0246395-A/26
PN WO 2001JPD10731
PR 07-DEC-2001 WO 2001JPD10731
PR 07-DEC-2000 JP 00P 373105
PI HIROSHI YANAGAWA, NOBUHIDE DOI, ETSUKO MIYAMOTO, HIDEAKI PI TAKASHIMA, RIEKO OYAWA
PC C12N15/09, C07K1/13, C12P21/02
CC PCR primer containing part of c-jun and 6-repeated His-tags FH Location/Qualifiers

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                              C-terminus modified protein and process for producing the same, modifier and translational plate usable in producing C-terminus modified protein, and method of detecting protein interaction by using C-terminus modified protein.
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Malyankar, U.M., Edinger, S., Gerlach, V., Smithson, G., Stone, D.J., Sciore, P., Macdougall, J.R., Gunther, E., Peyman, J.A., Ellerman, K., Gangolli, E.A. and Millet, I.
G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 419 01-AUG-2002;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yanagawa, H., Doi, N., Miyamoto, E., Hideaki, Takashima and Oyama, R. C-terminus modified protein and process for producing the same, modifier and translational plate usable in producing C-terminus modified protein, and method of detecting protein interaction by using C-terminus modified protein protein interaction by Using C-terminus modified protein protein interaction by Relo Universaty, Hirosaty Yana, 26 13 Jun-2002; REIO UNIVERSATY, HIROSHI YANAAMA, NOBUHIDE DOI, ETSUKO MIYAMOTO, HIDEAKI TAKASHIMA, RIEKO OYAMA

Ph 13 JUN-2002
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85.0%; Pred. No. 3.9e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                        1. .22
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Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 22)
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Best Local Similarity 85.0
Matches 17; Conservative
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Best Local Similarity
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B0169735
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RESULT 217

COCUS

Matches

FEATURES

ORGANISM REFERENCE

JOURNAL

COMMENT

PEATURES

ACCESSION VERSION KEYWORDS SOURCE

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Unclassified.
1 (bases 1 to 23)
Cottarel,G., Damagnez,V. and Draetta,G.
Nucleic acid encoding a Candida cell cycle regulatory protein, TYP1
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PAT 05-DEC-1998
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                                                                                                                              Unclassified.

1 (bases 1 to 23)
Baumgartner, J.W., Foster, D.C., Grant, F.J. and Sprecher, C.A.
Hematopoietic cytokine receptor
Patent: US 5792859-A 18 11-AUG-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 23)

Baumgartner,J.W., Foster,D.C., Grant,F.J. and Sprecher,C.A.
Hematopoietic cytokine receptor
Patent: US 6080406-A 18 27-JUN-2000;
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60.9%; Pred. No. 4.2e+02;
rative 3; Mismatches 6;
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85.0%; Pred. No. 4.2e+02;
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23 bp DNA linear PAT 31-JAN-2002
DNA containing transcriptional activation region of gene.
E62995
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                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 23)

Takahashi, K., Nishiyama, C. and Tsura, T.

DNA containing transcriptional activation region of gene Patent: JP 2001057889-A 1 06-MAR-2001;

SAHI BREWERIES ITD, TOMOYASY AMI
OS Homo sapiens (human)
PN JP 2001057889-A/1
PD 06-MAR-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 23)
Bjursell, K.G., Carlsson, P.N.I., Enerback, C.S.M., Hansson, S.L., Lidberg, U.F.P., Nilsson, J.A. and Tornell, J.B.F.
Genomic DNA sequences encoding human BSSL/CEL
Patent: US 5616408-A 25 01-APR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OS Homo sapiens (human)

PN JP 2001057899-A/1

PD 06-MAR-2001

PP 23-AUG-1999 JP 1999234854

PR XYOKO TAKAHASHI, CHIHHARU NISHIYAMA, TOMOYASU TSURA PC C12N15/09, A61K45/00, A61K48/00, A61P37/08, C12N5/10, C12Q1/68, PC G01N33/15,

PC G01N33/50, G01N33/566//C07K14/705, C12N15/00, C12N5/00 CC FY Key

PF Key

I. 23

/ Organism='Homo sapiens (human)'.
                                                                     Gaps
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Location/Qualifiers
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                                                                   Indels
                                  Length
indicated on page 18, lines 21-22
                               0.9%; Score 15.2; DB 1;
llarity 85.0%; Pred. No. 4.2e+02;
Conservative 0; Mismatches 3;
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Pred. No. 4.2e+02;
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Best Local Similarity 85.0%; Pred. No. 4.2e
Matches 17; Conservative 0; Mismatches
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Sequence 25 from patent US 5616483.
138915
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                                                                                                                        21 CTGACCCTGGTCCAGCTGCT 2
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JP 2001057889-A/1.
Homo sapiens (human)
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                                Query Match
Best Local Similarity
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KEYWORDS
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I38915/c
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FEATURES
                                                                                                                                                                                            RESULT 222
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AUTHORS
TITLE
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artificial sequences.

I chases 1 to 23)

Ruffner, D. E., Pierce, M.L. and Chen, Z.

Ruffner, D. E., Pierce, M.L. and Chen, Z.

Targeting antisense library

Datent: JP 2002509733-A 3 02-APR-2002;

UNIVERSITY OF UTAH RESEARCH FOUNDATION
OS Artificial Sequence
N JP 2005509733-A/3

PD 02-APR-2002
PF 22-MAR-1999 UP 2000541344
PR 28-MAR-1999 US 60/079792, 06-NOV-1998 US 60/107504 PI
C12N15/09, C12O1/68//AGIX48/00, C12N15/00
CC Portion of a multiple cloning site for use in making deletion
CC Portion of a multiple cloning site for use in making deletion
CC Libraries.
FT Source Location/Qualifiers
FT FOUNCE L. FIFT Sequence'.
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                  Length 23;
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                                                   Indels
              Score 15.2; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 3;
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/mol typo="genomic DNA"
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Patent: WO 2004024927-A 14 25-MAR-2004;
Greenovation Biotech GmbH (DE)
Location/Qualifiers
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Sequence 14 from Patent WO2004024927.
CQ795426
CQ795426.1 GI:46407516
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BD225369
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JP 2002509733-A/3.
                0.9%;
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Artificial Sequence
JP 2001321190-A/292
20-N0V-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
CI2N15/09,CI2N15/09,CI2N1/00,CI2Q1/68,G01N33/53,G01N33/566, PC
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                                                       A method of arraying genome clone
Patent: JP 2001321190-A 292 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Location/Qualifiers
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0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 4.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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Patent: US 5998206-A 10 07-DEC-1999;
Location/Qualifiers
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0.9%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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synthetic construct
synthetic construct
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1 (bases 1 to 23)
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Cowsert, L.M.
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1 (bases 1 to 23)

Tornell, J.Birger.Fredrik.

Transgenic non-human mammals that express human BSSL/CEL
Patent: US 5716817-A 25 10-FFB-1998;

Location/Qualifiers
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            0.9%; Score 15.2; DB 1; Length 23; 85.0%; Pred. No. 4.2e+02; tive 0; Mismatches 3; Indels
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85.0%; Pred. No. 4.2e+02;
tive 0; Mismatches 3; Indels
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1 (bases 1 to 23)
Ruffner,D.E., Pierce,M.L. and Chen,Z.
Directed antisense libraries
Patent: US 6586180-A 3 01-JUL-2003;
                                                                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                       Sequence 25 from patent US 5716817.
187946
187946.1 GI:3407886
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Sequence 3 from patent US 6586180.
AR349567.
AR349567.1 GI:33750365
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/organism="unknown"
/mol_type="genomic DNA"
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BD088048
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PAT 20-APR-2002

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Query Match

0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
/organism="unidentified"
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                                                                                                                                                                                                                         Sequence 7 from patent US 6337182.
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                                                                                                                        1068 AAAGACATACTCCAA 1082
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AR182023
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TREATWENT OF PAPILICANVIRUS-ASSOCIATED LESIONS USING INTERLEUKIN-12
TREATWENT OF PAPILICANVIRUS-ASSOCIATED LESIONS USING INTERLEUKIN-12
UNIV CAMBRIDGE TECH (GB)
Other publication AU 5151596
Location/Qualifiers
1. .20
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Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
Pourzand,C.
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   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                 eye
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                                               Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Method for the quantitative determination of DNA sequences Patent: BP 0461495-A 7 18-DBC-1991; BEHRINGWERKE Artiengesellschaft Location/Qualifiers
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                                                                                             Patent: WO 0130362-A 204 03~MAY-2001;
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Sequence 50 from Patent W09629091.
A56992
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1 (bases 1 to 20)
Cerutti, P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and
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Unknown.
Unclassified.
I (bases 1 to 21)
Malefyt,Rde.Waal., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A., Spits,H. and 2lotnik,A.
Use of interleukin-10 (IL-10) to treat endotoxin- or superantigen-Induced toxicity
superantigen-Induced toxicity
Patent: US 5833976-A 29 10-NOV-1998;
Patent: US cation/Qualifiers
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                                                  Pourzand, C. Method for the quantitative determination of DNA sequences Patent: US 6337182-A 7 08-JAN-2002; Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                 1. .20
/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 29 from patent US 5833976.
AR052905 AR052905.1 GI:5977767
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Gaps

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PAT 06-MAR-1998

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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1729 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
                                                                                                                                                                        Query Match 0.9%; Score 15; DB 1; Length 21; Best Local Similarity 88.2%; Pred. No. 4e+02; Matches 15; Conservative 1; Mismatches 1; Indels
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Pred. No. 4.6e+02;
0; Mismatches 5; Indels
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Simmonds,P., Chan,S.-W. and Yap,P.Lee.
Hepatitis-C virus testing
Patent: US 5763159-A 39 09-UN-1998;
Location/Qualifiers
                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 9706268-A 7 20-FEB-1997;
ZENECA LTD (GB)
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Sequence 39 from patent US 5763159.
AR011630.1 GI:3969620
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                 23 bp
Sequence 7 from Patent W09706268.
A59866
                                                       Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Best Local Similarity 78.3%;
Matches 18; Conservative
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AR011630/c
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De Waal Malefyt,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A.,
De Waal Malefyt,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A.,
Spits,H. and Zlornik,A.
Use of interleukin-10 analogs for antagonists to treat endotoxin-
or superantigen-induced toxicity
or superantigen-induced toxicity
Patent: US 5837293-A 29 17-NOV-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 21)
De Waal Malefyt,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A.,
Spits,H. and Zlotnik,A.
Use of an interleukin-10 antagonist to treat a B cell mediated
autoimmune disorder
Patent: US 5837222-A 29 17-NOV-1998;
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lander, B.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and
Mccarthy, J.J.
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100.0%; Pred. No. 4e+02;
Live 0; Mismatches 0; Indels
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100.0%; Pred. No. 4e+02;
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Sequence 1729 from Patent W00118250.
AX096551
              AR054268 29 from patent US 5837232.
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Sequence 29 from patent US 5837293.
AR054470
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                                                                 AR054268.1 GI:5979845
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AR054470
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AR054268
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PAT 04-DEC-1998

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PAT 17-JUL-2003

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                                                                                   bUZ51918 23 bp DNA linear PAT 17-J
Compositions and methods for increasing bone mineralization.
BD251918
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Brunkow, M.B., Galas, D.J., Kovacevich, B., Mulligan, J.T.,
Paeper, B.W., Van Ness, J. and Winkler, D.G.
Polypeptides associated with alterations in bone density
Patent: US 6489445-A 21 03-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism='Artificial Sequence' Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.9%; Score 15; DB 1; Length 23; ilarity 78.3%; Pred. No. 4.6e+02; Conservative 0; Mismatches 5; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 21 from patent US 6489445.
AR259004
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/mol_type="genomic DNA"
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1 ACTICIGAAACCCAGAGCIGGCC 23
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JP 2002531090-A/13.
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PC C12Q1/
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PR 19-SEP-1998 GB 9820339.1,10-NOV-1998 GB 9824506.1 PI
JOHN EDWARD NORRIS MORTEN
PC C12N15/09,A61K45/00,A61P9/10,A61P11/06,A61P25/28,A61P29/00, PC
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                                                                                                      PAT 16-JUN-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Polymorphism on human alpha-4 integrin subunit gene suitable for diagnosis and remedy of diseases via integrin ligand Patent: JP 2002526091-A 5 20-AUG-2002; ASTRAZENECA AB
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                                                                                                                                                                                                                                  (bases 1 to 23)
Liu,Q. and Sommer,S.S.
Bidirectional PCR amplification of specific alleles
Parent: US 6207425-A 42 27-MAR-2001;
Location/Qualifiers
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                                                                                                         linear
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/organism="synthetic construct"
/mol_type="genomic DKA"
/db_xref="taxon:32630"
                                                                                                         DNA
                                                                                               23 bp
Sequence 42 from patent US 6207425.
AR140045
AR140045.1 GI:14482541
                                                                                                                                                                                                                                                                                                                   1. .23
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                 242 GCGCCAGTGACCCTGGAGGCC 264
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        CATTCTGAACGGCGCCCAGTCTG 1
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JP 2002526091-A/5
20-AUG-2002
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synthetic construct
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PAT 20-DEC-2002

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PAT 10-APR-2003
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                                                                   1 (bases 1 to 23)
Brunkow,M.E., Galas,D.J., Kovacevich,B., Mulligan,J.T.,
Brunkow,M.E., Galas,D.J., Kovacevich,B., Mulligan,J.T.,
Baeper,B.W., Ness,J.V. and Winkler,D.G.
Nucleic acids encoding a novel family of TGF..beta. binding proteins from humans
Patent: 15 6395411.A 21 28-MAY-2002;
Location/Qualifiers
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1 (Dases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 11527 25-MAR-2003;
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0.8%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 2;
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1 (bases 1 to 18)
Cowsert, L.M.
Antisense inhibition of cyclin D2 ex
Patent: US 6492173-A 24 10-DEC-2002;
Location/Qualifiers
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Sequence 24 from patent US 6492173.
                                                                                                                                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR266212.1 GI:29695058
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AR299792.1 GI:31687076
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AR266212/c
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AR299792
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1 (bases 1 to 23)

Rasternak, G. and Pan, Y.-X.

Identification and characterization of multiple splice variants of the mu-opioid receptor gene Patent: US 6500927-A 43 31-DEC-2002;

Localion/Qualifiers
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Brunkow, M.E., Galas, D.J., Kovacevich, B., Mulligan, J.T.,
Paeper, B.W., Ness, J.V. and Winkler, D.G.
Compositions and methods for increasing bone mineralization
Patent: US 6495736-A 21 17-DEC-2002;
Location/Qualifiers
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78.3%; Pred. No. 4.6e+02;
tve 0; Mismatches 5; Indels
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Sequence 21 from patent US 6495736.
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Sequence 21 from patent US 6395511.
AR371677.1 GI:34608679
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/mol_type="genomic DNA"
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                   78.3%;
                                    18; Conservative
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Query Match
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Rest Local Similarity
Matches 18; Conserv
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RR269406/c
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AR367477
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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and diseases
Patent: WO 0130362-A 205 03-MAY-2001;
IMMUSOL, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc
kinase"
                                                                                                                                                                                                                                                                 Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and diseases
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Pred. No. 3.7e+02;
0; Mismatches 2;
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                                                                                       AX133054 18 bp DN Sequence 4272 from Patent WO0130362.
AX133054
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                                                                                                                                                                                                                                                                                                                                                                                             'organism="Homo sapiens"
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Location/Qualifiers
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Location/Qualifiers
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AX128987.1 GI:14135292
1 GGCTGATTTTGGCCTTGC 18
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol type="unassigned DNA"
/db xref="taxon:9606"
/noce="Hammerhead ribozyme recognition site for cdc
kinase"
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/mol_type="unassigned DNA"
/db_xref="taxon:8606"
/note="Hammerhead ribozyme recognition site for
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0; Mismatches 2;
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88.9%; Pred. No. 3.4e+02;
tive 0; Mismatches 2;
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Patent: WO 0130362-A 4271 03-MAY-2001;
                                                                                                                                                                            Sequence 4270 from Patent W00130362. AX133052
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Location/Qualifiers
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AX133053
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                                                       1679 CCAACTACATCTTCCCTG 1696
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                                         METHOD OF DESCRIBING REPERTOIRES OF ANTIBODIES (Ab) AND T CELL RECEPTORS (TCR) OF THE IMMUNE SYSTEM OF AN INDIVIDUAL PATENT: WO 9212260-A 22 23-JUL-1992;
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Unclassified.
1 (bases 1 to 20)
Bell, G.I., Yamagata, K., Oda, N., Kaisaki, P.J., Furuta, H.,
Horikawa, Y. and Menzel, S.
Mutations in the diabetes susceptibility genes hepatocyte of factor (HNF) i alpha (alpha.), HNF1 beta. and HNF4. alpha
Patent: US 6187533-A 72 13-FEB-2001;
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Patent: US 6159694-A 27 12-DEC-2000;
                                                                                                                                       /organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 27 from patent US 6159694.
AR121006.1 GI:14104582
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/organism="unknown"
/mol_type="unassigned DNA"
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Seguence 72 from patent US 6187533.
AR129489
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Karras, J.G.
       1 (bases 1 to 20)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and diseases
diseases
Patent: WO 0130362-A 1852 03-MAY-2001;
IMMUSOL, INC. (US)
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/note="Cdk6 ribozyme binding site"
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Sequence 1852 from Patent WO0130362.
Sequence 585 from Patent WO0130362.
AX129367
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A27572.1 GI:1248457
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                                         AX129367.1 GI:14135672
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AX130634.1 GI:14136939
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BD271134 20 bp DNA linear PAT 17-JUL-2003 Methods and compositions for the production of viral particles.
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Antisense oligonucleotide modulation of STAT3 expression.
BD272627
                                                                                                                                                                                                                                                                                                                                          Synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Torrent,C., Yeh,P., Perricaudet,M., Klatzmann,D. and Salzmann,J.L.
Torrent,C., Yeh,P., Perricaudet,M., Klatzmann,D. and Salzmann,J.L.
Methods and compositions for the production of viral particles
Patent: JP 2002539758-A 6 26-NOV-2002;
AVENTIS PHARMA SA,GENOPOIETIC
BN JP 2002539758-A/6
PN JP 2002539758-A/6
PN JP 2002539758-A/6
PN JP 2002539758-A/6
PN JP 200253978-A/6
PN JP 200253978
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CHRISTOPHE TORRENT, PATRICE XEH, MICHEL PERRICAUDET, DAVID
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PN JP 20025__

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PR 18-MAY-1999 FR 98/06258

PI CHRISTOPHE TORRENT, PATRICE YEH, MIChaller CIRISTOPHE SALZMANN

PC CIRISTOPHE SALZMANN

PC CIRISTOPHE TORRENT, PATRICE YEH, MIChaller CIRISTOPHE TORRENT TORREN
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Antisense oligonucleotide modulation of STAT3 expression Patent: JP 2002541784-A 27 10-DEC-2002;
ISIS PHARMACEUTICALS INC

Artificial Sequence
PN JP 2003541784-A/27
PD 10-DEC-2002
PR 06-APR-2000 JP 2000611544
PR 06-APR-2009 US 09/288461
PR 08-APR-3099 US 09/288461
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88.9%; Pred. No. 4.1e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002541784-A/27.
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PN JP 200254179
PN JP 200254179
PF 06-APR-2000
PR 08-APR-1999
PI JAMES G KARE
PC C12N15/09, A6
PC A61P837/02,
PC A61P837/03,

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BD271134/c
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KEYWORDS
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Attie, K.M., Carlsson, L.M.S., Gesundheit, N. and Goddard, A.
Treatment of partial growth hormone insensitivity syndrome Patent: US 6207640-A 35 27-MAR-2001;
Location/Qualifiers
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A method of arraying genome clone
Detent: WO 02072815-A 236 19-SEP-2002;
EIICH SOEDA, TAKESHI KUKITA
OS Artificial Sequence
PN WO 02072815-A/236
PN WO 02072815-A/236
PN WO 02072815-A/236
PN WO 02072815-A/236
PN WAY-2001 WO 2001JP0004139
PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
PC CIRVIS/09,CI2Q1/68
CC Description of Artificial Sequence: Synthetic DNA FH
Location/Qualifiers
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ilarity 88.9%; Pred. No. 4.1e+02;
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Sequence 35 from patent US 6207640.
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CTTGTGGCACTCAAGGAG 708
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WO 02072815-A/236.
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RESULT 260 SETINITION ORGANISM

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Constien, R., Mudde, G., Schroeder, A., Yu, P. and Hanke, P. Modified phospholipase c-gamma-2, expression products, and non-human animal models comprising said genes, and therapeutic uses Patent: WO 2004020619-A 56 11-MAR-2004; Ingenium Pharmaceuticals AG (DE)

Location/Qualifiers
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                                                                                            PAT 03-MAR-2004
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Antisense modulation of 1rh1 expression
Patent: WO 2004003201-A 2958 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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88.9%; Pred. No. 4.1e+02;
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/mol type="unassigned DNA"
/note="primer plog2-40"
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/mol_type="unassigned DNA"
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/note="Human LRH1 antisense"
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Sequence 56 from Patent WO2004020619.
CQ788479
CQ788479.1 GI:45723244
                                                                                  20 bp DNA Sequence 2958 from Patent WC2004003201.
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CQ788479/c
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88.9%; Pred. No. 4.1e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 4.1e+02;
0; Mismatches 2;
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Patent: Wo 2004003201.4 & 2312 08-JAN-2004,
Pharmacia Corporation (US)
Location/Qualifiers
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Patent: Wo 2004003201-A 2017 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                 /organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 2017 from Patent WO2004003201.
CQ763399.1 GI:44906635
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="Human LRH1 antisense"
                                 /mol_type="genomic DNA"
/db_xref="taxon:32630"
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CQ763694.1 GI:44906930
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Best Local Similarity 88.9%;
Matches 16; Conservative
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PAT 27-AUG-2002

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1 (bases 1 to 20)

Torrent, C., Yeh, P., Perricaudet, M., Klatzmann, D. and Salzmann, J.-L.
Methods and compositions for producing viral particles
Patent: US 6489142-A 6 03-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yeh, P., Klatzmann, D., Perricaudet, M., Salzmann, J.L. and Torrent, C. Methods and compositions for producing viral particles Patent: WO 9960144-A 6 25-NOV-1999; GENOPOIETIC S.A.R. L. (FR); YEH PATRICE (FR); KLATZMANN DAVID (FR); LOUP (FR); TORRENT CHRISTOPHE (FR)
                                                                                                                                                                                                                                                                                                             0.8%; Score 14.8; DB 1; Length 20;
88.9%; Pred. No. 4.1e+02;
tive 0; Mismatches 2; Indels
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Patent: JP 2001321190-A 2602 20-NOV-2001;
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88.9%; Pred. No. 4.1e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="OLIGONUCLEOTIDE"
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Sequence 6 from patent US 6489142.
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Sequence 6 from Patent WO9960144.
AX009720
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/organism="unknown"
/wol_type="genomic DNA"
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                                                                                   synthetic construct
artificial sequences.

I (bases 1 to 20)

Kanetani, K., Miyoshi, M., Ebinuma, H., Mori, A. and Ushizawa, K.

Kanetani, S., Miyoshi, M., Ebinuma, H., Mori, A. and Ushizawa, K.

Gene encoding 1, 5-anhydroglucitol dehydrogenase, recombinant vector, and recombinant 1, 5-anhydroglucitol dehydrogenase protein obtained from said transformant
obtained from said transformant
DAIICHI PURE CHEMICALS CO LTD
OS Artificial Sequence
NN JP 2000316570-A 19 21-NOV-2000;
PP 13-NAY-1999 JP 1999133157
PR 13-NAY-1999 JP 1999133157
PR PR IN-MAK-1999 JP 1999133157
PR PR IN-MAK-1999 JP 1999133157
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PC C12N9/04,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/09, PC
C12N5/00,C12N15/00
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1 (bases 1 to 20)

Rourilsky,P., Pannetier,C. and Cochet,M.

Method for describing the repertoires of antibodies (Ab)

T-cell receptors (TCR) of an individual's immune system

Patent: US 5635384-A 22 03-UUN-1997;

Location/Qualifiers
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Pred. No. 4.1e+02;
0; Mismatches 2; Indels
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Pred. No. 4.1e+02;
0; Mismatches 2;
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    forganism="synthetic construct"
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JP 2000316570-A/19.
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16; Conservative
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Matches 16; Conservative
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KEYWORDS
SOURCE
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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MccarthyJ.J.G.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 7 15-MAR-2001;
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THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                                                                                                                                           Description of Artificial Sequence: Synthetic DNA
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Yoshikawa Y., Mukai, H., Asada, K., Hino, F. and Kato, I.
Cancer-associated genes
Patent: 18 6670119-A 35 30-DEC-2003;
Location/Qualifiers
                                                                                                                                                                                      /organism='Artificial Sequence' Location/Qualifiers
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                                                                                                                                                                                                                                                                                            Length 20;
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                                                                                                                                                                                                                                                                                         0.8%; Score 14.8; DB 1;
88.9%; Pred. No. 4.1e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                  1. .20
/organism="synthetic construct"
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/db_Xref="taxon:32630"
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AR442063
AR442063.1 GI:42669314
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/organism="unknown"
/mol_type="genomic DNA"
                        Artificial Sequence
JP 2001321190-A/2602
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
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                                                                                                                              C12N15/00
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Best Local Similarity
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AB442063
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphism in genes
Patent: WO 0118250-A 136 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium Pharmaceuticals, Inc. (US)
Location/Qualifiers
Location/Qualifiers
//Organism="Homo sapiens"
//Mol_type="unassigned DNA"
//db_xref="taxon:8606"
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2259 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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Pred. No. 4.4e+02;
1; Mismatches 3;
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80.0%; Pred. No. 4.4e+02;
rative 1; Mismatches 3;
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Sequence 136 from Patent WO0118250.
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/db_xref="taxon:9606"
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AX094958.1 GI:13511161
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Homo sapiens
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S Artificial Sequence
N JP 2001231403-A/20
S 28-AUG-2001
F 1E-EB-2000 JP 2000042074
F KAZCHA TOMIZUKA,HITOSHI YOSHIDA,ISAO ISHIDA,YOSHIMI KUROIWA PC
A01K67/027,C12N5/10,C12N15/09//(C12N5/10,C12R1:91),(C12N15/09, PC
                                                                                                                                                                                                                 L65488 27-AUG-2002 NOA-human animal having modified foreign chromosomal or slice thereof.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PC __C12N5/00,C12N15/00,(C12N5/00,C12R1:91),(C12N15/00,C12R1:91) CC Description of Artificial Sequence: Primer FH Key
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Tomizuka, X., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.
Chimeric mice that are produced by microcell mediated chromosome transfer and that retain a human antibody gene
Patent: US 6632976-A 6 14-0CT-2003;
Location/Qualifiers
1. .22
                                                                                                                                                                                                                                                                                                                                             artificial sequences.

1 (bases 1 to 22)

Tomizuka,K., Yoshida,H., Ishida,I. and Kuroiwa,Y.

Non-human animal having modified foreign chromosomal or slice parent: JP 2001231403-A 20 28-AUG-2001;

KIRIN BEER K.

S Artificial Sequence
PN JP 2001231403-A/20
PD 28-AUG-2001
PF 18-FEB-2000 JP 2000042074
PI KAZUMA TOMIZUKA,HITOSHI YOSHIDA.ISAO ISHIDA.VOSHIMI WIDOTE.
                                                                               Gaps
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                                            Score 14.8; DB 1;
Pred. No. 4.7e+02;
D: Mismatches 2;
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88.9%; Pred. No. 4.7e+02;
ative 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 6 from patent US 6632976.
AR409518.1 GI:40160491
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                                              Query Match
Best Local Similarity 88.9
Matches 16; Conservative
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Unclassified.
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AUTHORS
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                                                   Gaps
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artificial sequences.

1 (bases 1 to 22)

Kazuma, T., Hitoshi, Y., Kazumori, H., Mitsuo, O. and Isao, I.
Chimeric animal and method for constructing the same
Patent: JP 199913576-A 6 16-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        KAZUMA TOMIZUKA, HITOSHI YOSHIDA, KAZUNORI HANAOKA, PI
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Chimeric animal and method for constructing the same.
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88.9%; Pred. No. 4.4e+02;
iive 0; Mismatches 2; Indels
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               0.8%; Score 14.8; DB 1; Length 21;
80.0%; Pred. No. 4.4e+02;
iive 1; Mismatches 3; Indels
                                                                                                                                                                                                    linear
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The Regents of the University of California (US)
Location/Qualifiers
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/db_xref="texon:32630"
/note="PCR primer"
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Sequence 9 from Patent WO02059248.
AX708184
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                                                                                    542 TCTTTGACAAGCCCCTCAGC 561
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JP 1999313576-A/6
16-NOV-1999
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A novel gene associate
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PD 16-NO
PF 23-MA
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10017621-381.rge

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Picoult-Newburg,L. and Pohl,M. Genctyping reagents, Kits and methods of use thereof Patent: WO 0129262-A 2062 26-APR-2001; Orchid BioSciences, Inc. (US) Location/Qualifiers
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                                                                                                                           /organism="synthetic construct"
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/db_xref="taxon:32630"
/note="primer"
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Sequence 315 from Patent W002068652.
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Sequence 246 from Patent W00246409.
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Zoghbi,H.Y., Van den Veyver,I.B., Amir,R. and Francke,U.
Method of screening Rett syndrome by detecting a mutation in MECP2
Patent: US 6709817-A 12 23-MAR-2004;
Location/Qualifiers
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88.9%; Pred. No. 4.7e+02;
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Sequence 2062 from Patent WO0129262.
AX116939.1 GI:14033881
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Sequence 12 from patent US 6709817.
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/organism="unknown"
/mol_type="genomic DNA"
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Malyankar,U.M., Tchernev,V.T., Vernet,C.A., Spytek,K.A.,
Shenoy,S.G., Alsobrook,J.P., Edinger,S., Peyman,J.A., Stone,D.J.,
Ellerman,K., Gangolll,E.A., Boldog,F.L., Colman,S.D., Eisen,A.J.,
Liu,X., Padigaru,M., Spaderna,S.K. and Zerhusen,B.D.
Proteins and nuclaic acids encoding same
Proteins WO 0246409-A.24
Curagen Corporation (US)
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88.9%; Pred. No. 4.7e+02;
tive 0; Mismatches 2; Indels
0.8%; Score 14.8; DB 1; Length 22; 88.9%; Pred. No. 4.7e+02;
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Patent: WO 02068652-A 315 06-SEP-2002;
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 22)
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Method for the amplification of hla class i alleles
Patent: W0 061795-A 30 19-0CT-2000;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE);
ROMBOUT ANNELIES (BE)
                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Original source text: Canis familiaris female adult peripheral
                                                                                                                                                                                                                                                                                                              177523.1 GI:1261647
STS; PCR identification; microsatellite; sequence tagged site.
Canis familiaris (dog)
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Canis familiaris STS microsatellite marker (repeat motif in
reference clone (AC)17) DNA, sequence tagged site.
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88.9%; Pred. No. 4.7e+02;
tive 0; Mismatches 2; Indels
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Microsatelite markers for the canine genome
Unpublished (1996)
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88.9%; Pred. No. 4.7e+02;
cive 0; Mismatches 2;
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/tissue_type="peripheral blood"
/dev_stage="adult"
1. .22
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Sequence 30 from Patent W00061795.
AX038273
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Homo sapiens
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Best Local Similarity 88.9
Matches 16; Conservative
                                                                                   16; Conservative
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                  /organism="synthetic construct"
|mol_type="unassigned DNA"
|db_tref="trace: oligonucleotide
|noTe="Description of Artificial Sequence: oligonucleotide
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23. 62v...
11.APR-2000 JP 2000109638
KAZUHIRO YAWAKAWA
C12N15/09,C12Q1/68,C12N15/00
Synthetic DNA, reverse primer for exon 3 amplification FH
Location/Qualifiers.
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Method for detecting Rett symdrome and detection kit.
BD061543
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Method for detecting Rett symdrome and detection kit
Patent: JP 2001292775-A 10 23-OCT-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
PN JP 2001292775-A/10
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Pred. No. 4.7e+02;
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/organism="synthetic construct"
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Patent: WO 03093506-A 36 13-NOV-2003;
                                                                                                                                                                                                                                                                                                                     DNA
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/organism="unidentified"
/mol_type="unassigned DNA"
/db.xref="traces";zef="traces"
/noTee="Artificial Primer"
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Sequence 36 from Patent WO03093506.
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Location/Qualifiers
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JP 2001292775-A/10.
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1 (bases 1 to 22)
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AR084567
AR084567.1 GI:10011338
           AR084563 21 bp 1
Sequence 52 from patent US 5981185.
AR084563. GI:10011334
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Sequence 29 from patent US 6207416.
AR139851
AR139851.1 GI:14482347
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/organism="unknown"
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AR084567/c
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AR139851/c
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AR084563
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B 1 (bases 1 to 21)
S Pedersen, O. Bj.o slashed.rb.ae butted.k,C. and
Frederiksen,K.Ahmind.
Mutant DNA encoding insulin receptor substrate 1
AL Patent: US 5827730-A 9 27-OCT-1998;
Location/Qualifiers
                                                                Ouery Match 0.8%; Score 14.6; DB 1; Length 20; Best Local Similarity 88.2%; Pred. No. 4.5e+02; Matches 15; Conservative 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 14.6; DB 1; Length 21;
81.0%; Pred. No. 4.8e+02;
tive 0; Mismatches 4; Indels
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/organism="synthetic construct"
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                                                                                                                                                                                                                          DNA
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          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db xref="taxon:9606"
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Sequence 9 from patent US 5827730.
AR050638
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Patent: WO 9302195-A 11 04-FF
Location/Qualifiers
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PPO specific primer 2.
A27655
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artificial sequences.
1 (bases 1 to 21)
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Best Local Similarity 81.0°
Matches 17; Conservative
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R050638

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JERSION KEVWORDS

SFERENCE AUTHORS TITLE

GATURES

RESULT 288

ORGANISM

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ACCESSION JERSION KEYWORDS

RESULT 286

AUTHORS TITLE COURNAL

EATURES

Unknow...
Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
Recombinant proteins of a Pakistani strain of hepatitis E and their use in diagnostic methods and vaccines
Patent: US 6207416-A 29 27-MAR-2001;
Location/Qualifiers ö PAT 01-SEP-2000 PAT 01-SEP-2000 ó PAT 16-JUN-2001 Gaps Gaps 1 (bases 1 to 21)
Matson, R.S., Coassin, P.J., Rampal, J.B. and Caskey, C.Thomas.
Oligonuclectide repeat arrays
Patent: US 5981185-A 52 09-NOV-1999; 1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 56 09-NOV-1999; ·. 0 Query Match 0.8%; Score 14.6; DB 1; Length 21; Best Local Similarity 81.0%; Pred. No. 4.8e+02; Matches 17; Conservative 0; Mismatches 4; Indels Query Match 0.8%; Score 14.6; DB 1; Length 21; Best Local Similarity 81.0%; Pred. No. 4.8e+02; Matches 17; Conservative 0; Mismatches 4; Indels linear linear linear source

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Gaps

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PAT 17-DEC-2001

set Local Satches

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Unknown.
Unclassified.
1 (Dases I to 21)
Taylor,E.Will., Nadimpalli,R.Gopal. and Ramanathan,C.Sekar.
Selenoproteins, coding sequences and methods
Patent: US 6303295-A 136 16-OCT-2001;
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Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar. Selenoroteins, coding sequences and methods
Patent: US 6303295-A 137 16-OCT-2001;
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yaylor, Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar.

Selenoproteins, coding sequences and methods

Patent: US 6303295-A 138 16-OCT-2001;
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31.0%; Pred. No. 4.8e+02;
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Sequence 138 from patent US 6303295.
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Sequence 137 from patent US 6303295.
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'organism="unknown"
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 AR172269.1 GI:17911760
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17; Conservative
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Tsarev, S.A., Emerson, S.U. and Purcell, R.H.

Recombinant proteins of a Pakistani strain of hepatitis E and their use in diagnostic methods and vaccines

Patent: US 6287759-A 29 11-SEP-2001;

Location/Qualifiers
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Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar. Selenoproteins, coding sequences and methods
Patent: US 6303295-A 134 16-OCT-2001;
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81.0%; Pred. No. 4.8e+02;
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Pred. No. 4.8e+02;
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Sequence 136 from patent US 6303295.
AR172269
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
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/mol_type="unassigned DNA"
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Devices coated with substances that mediate the adhesion of biological material
Batent: WO 200405153-A 2 01-JUL-2004;
Eberhard-Karls-Universitaet Tuebingen (DE)
Location/Qualifiers
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Devices coated with substances that mediate the adhesion of biological material
Patent: WO 2004055153-A 4 01-JUL-2004;
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                                             Query Match 0.8%; Score 14.6; DB 1; Length 21; Best Local Similarity 81.0%; Pred. No. 4.8e+02; Matches 17; Conservative 0; Mismatches 4; Indels
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larity 81.0%; Pred. No. 4.8e+02;
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Location/Qualifiers
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/mol_type="unassigned DNA"
/bx zref="taxon:32630"
/noTe="NuXleotidsequenz"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Nukleotidsequenz"
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Sequence 2 from Patent WO2004055153.
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Sequence 4 from Patent W02004055153.
CQ830492.
CQ830492.1 GI:50250832
/db_xref="taxon:32630"
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Con Application of KIAA0172 gene functions for therapeutics, diagnosis and palamaceuticals.

No and pharmaceuticals.

DE 200236958-6-A/46.

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1 (Dases 1 to 21)

Taylor,E.Will., Nadimpalli,R.Gopal. and Ramanathan,C.Sekar.
Selenoproteins, ording sequences and methods
Patent: US 6303295-A 144 16-OCT-2001;
Location/Qualifiers
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Location/Qualifiers
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81.0%; Pred. No. 4.8e+02;
tive 0; Mismatches 4; Indels
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/mol_type="genomic DNA"
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Seguence 144 from patent US 6303295.
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PAT 12-JUN-2003

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1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 10136 25-MAR-2003;
Location/Qualifiers
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31.0%; Pred. No. 4.8e+02;
ve 0; Mismatches 4; Indels
                                                                                      ch 0.8%; Score 14.6; DB 1; Length 21; 1 Similarity 81.0%; Pred. No. 4.8e+02; 17; Conservative 0; Mismatches 4; Indels
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1 Similarity 81.0%; Pred. No. 4.8e+02; 
17; Conservative 0; Mismatches 4; Indels
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Bublot, M., Perez,J.M. and Andreoni,C.M.P.
Nucleic acids encodings equine GM-CSF
Patent: US 6645740-A 4 11-NOV-2003;
Location/Qualifiers
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JOURNAL Patent: US 6537751-A 7806 25-MAR-2003;
ATURES Location/Qualifiers
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/organism="unknown"
/wol_type="genomic DNA"
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Bennett,C.F. and Watt,A.T.
Antisense modulation of tumor necrosis factor receptor 2 expression
Patent: US 6410324-A 4 25-UIM-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 21)
Emerson, S.U., Purcell, R.H., Tsarev, S.A. and Robinson, R.A.
Recombinant proteins of a Pakistani strain of hepatitis E and their
use in diagnostic methods and vaccines
Patent: US 6458562-A 29 01-007-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 21)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
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81.0%; Pred. No. 4.8e+02;
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Sequence 7806 from patent US 6537751.
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/organism="unknown"
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Recombinant proteins of a Pakistani strain of hepatitis E and their
use in diagnostic methods and vaccines
Patent: US 6696242-A 29 24-FEB-2004;
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Tsarev, S.A., Emerson, S.U. and Purcell, R.H.
Tsarev, S.A., Emerson, S.U. and Purcell, R.H.
Recombinant proteins of a pakistani strain of hepatitis E and their use in diagnostic methods and vaccines
Patent: US 6706872-A 29 16-MAR-2004;
Location/Qualifiers
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Robinson,S.P. and Dry,I.B.
Polyphenol oxidase genes
Patent: US 6703542-A 25 09-MAR-2004;
    AR476136 21 bp 1
Sequence 29 from patent US 6696242.
AR476136
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Sequence 25 from patent US 6703542.
AR486451
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I (Dases 1 to 21)

Roder, M., Plaschke, J. and Ganal, M.

Microsatellite markers for plants of the species Triticum aestivum and Tribe triticeae and the use of said markers

Patent: US 6720137-A 282 13-APR-2004;

Location/Qualifiers
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Bukaryota; Metazoa, Chordata, Craniata; Vertebrata, Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Gaps
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Method for the amplification of hla class i alleles
Patent: WO 061795-A 31 19-OCT-2000;
CANCK ILSE DE (BE), ROSSAU RUDI (BE); INNOGENETICS NV (BE)
ROMBOUT ANNELIES (BE)
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0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels
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88.2%; Pred. No. 4.8e+02;
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                                                               0.8%; Score 14.6; DB 1; ilarity 81.0%; Pred. No. 4.8e+02; Conservative 0; Mismatches 4;
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Sequence 31 from Patent WO0061795.
AX038274
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/mol_type="genomic DNA"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                  Bublot,M., Perez,J.M. and Andreoni,C.M.
Equine granulocyte-macrophage colony-stimulating factor (gm-csf)
Patent: WO 0077210-A 4 21-DEC-2000;
MERIAL (FR)
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1825 15-MAR-2001;
PHITEMED INSTITUTE POR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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tive 0; Mismatches 4;
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Pred. No. 4.8e+02;
0; Mismatches 4;
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/note="oligonucleotide"
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Sequence 4 from Patent WO0077210.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Novel family of mechanically sensitive human potassium channels activated by polyunsaturated fatty acids and use thereof Patent: WO 016670-A 6 20-SEP-2001; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR) Location/Qualifiers
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Novel family of mechanically sensitive human potassium channels
activated by polyunsaturated fatty, acids and use thereof
patent: WO 0168670-A 9 20-SEP-2001,
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Piccult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A. 2810 26-APR-2001; Orchid BioSciences, Inc. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 14.6; DB 1; Length 21; Best Local Similarity 81.0%; Pred. No. 4.8e+02; Matches 17; Conservative 0; Mismatches 4; Indels
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/db_xref="taxon:32630"
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AX250714.1 GI:15984452
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Gaps

ENTURES

Query Match

RESULT 315 AX384817

REFINITION VCCESSION FERSION GRYWORDS SOURCE

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unclassified.

In (Dasses 1 to 21)

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Recombinant proteins of a pakistani strain of hepatitis B and their nuclassicied.

Recombinant proteins of a pakistani strain of hepatitis B and their use in diagnostic methods and vaccines

Use in diagnostic methods and vaccines

THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE BIO ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES

OS Unidentified

PN JP 2001524821-A/26

PN JP 2001524821-A/26

PN 09-APR-1999 JP 1998544174

PR 11-APR-1997 US 08/440316

PT SUZANNE U EMERSON, ROBERT H PURCELL, SERGEI A TSAREV, ROBIN A PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Recombinant proteins of a pakistani strain of hepatitis E and their use in diagnostic methods and vaccines.
BD084523
BD084523.1 GI:22630133
UP 2001524821-A/26.
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/mol_type="taxon:32630"
/hofe="Description of Artificial Sequence: oligomucleotide primer"
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CC Topology: Linear;
CC Recombinant proteins of a pakistani strain of hepat:
CC Recombinant proteins of a pakistani strain of hepat:
CC Recombinant proteins of a pakistani strain of hepat:
CC diagnostic methods and vaccines
FH Key Location/Qualifiers
FT source | 1. .21
/organism='Unidentified'.
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Patent: WO 02068652-A 461 06-SEP-2002;
Location/Qualifiers
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Seguence 461 from Patent WO02068652.
AX921468
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CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chang, C. Methods and compositions for predicting prostate cancer Patent: WO 0210452-A 17 07-FEB-2002; University of Rochester (US)
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                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/note="Amorce anti-sens, issue de l'exon 6 de
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llarity 81.0%; Pred. No. 4.8e+02;
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Pred. No. 4.8e+02;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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Squence 17 from Patent W00210452.
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AX384817.1 GI:19577951
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RESULT 316 AX746049/C LOCUS

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CEYWORDS

REFERENCE AUTHORS

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PAT 17-0CT-2001

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Marx,A. Method and nucleic acids for the improved treatment of breast cell proliferative disorders
Patent: WO 2004035803-A 923 29-APR-2004;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 22)
Habener, J.F. and Stoffers, D.A.
Compositions and methods for detecting pancreatic disease Patent: US 6274310-A 9 14-AUG-2001;
Location/Qualifiers
                                                                                                                         Ouery Match 0.8%; Score 14.6; DB 1; Length 22; Best Local Similarity 81.0%; Pred. No. 5.2e+02; Matches 17; Conservative 0; Mismatches 4; Indels
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tive 0; Mismatches 4; Indels
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| db_xref="texton:32630"
|noFe="Detection primer for TP53"
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Other publication CA 2111503 950616.
Location/Qualifiers
                                                                      /mol_type="unassigned DNA"
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                                   1. .22
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S Nezu,J., Ose,A., Jishage,K. and Jenne,D.E.

LKB1 gene knock out animal

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CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE INC, CHUGAI PHARM
CO LTD, JUNICHI NEZU,ASUKA OSE,KOICHI JISHAGE,DIETER E JENNE

ON Artificial Sequence

PR 31-MAY-2000 WO 2000JP003504

CC Description of Artificial Sequence: Artificially Synthesized

CC Description of Artificial Sequence: Artificially Synthesized

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APOLIPOPROTEIN E POLYMORPHISM AND ALZHEIMER'S DISEASE
Patent: WO 9516791-A 5 22-JUN-1995;
UNIV MCGILL (CA)
Other publication AU 1189395 950703
                                                                                                          Length 21;
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Corganism="synthetic construct"

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Sequence 5 from Patent WO9516791.
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BD091813
BD091813.1 GI:22637424
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Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 0205378-A 4011 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US) Location/Qualifiers
                                                                                          Roemer, T., Jiang, B., Boone, C. and Bussey, H.
Gene disruption methodologies for drug target discovery
Patent: WO 0160975-A 368 23-AUG-2001;
Elitra Pharmaceuticals, Inc. (US)
Location/Qualifiers
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81.0%; Pred. No. 5.2e+02;
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Sequence 4011 from Patent W002053728.
AX486711
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Sequence 14 from Patent WO0234782.
AX587485
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for the amplification of hla class i alleles
Patent: WO 061795-A 32 19-OCT-2000;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE)
ROMBOUT ANNELIES (BE)
                                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Wallner, B.P., Pinsky, B.R., Garwin, J.L., Schindler, D.G. and
                                                                                                                                                                                                                                                                                                                 Huang, K.-S.

DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESSES FOR PRODUCING HUMAN LIPOCORTIN-LIKE POLYPEPTIDES
PATENT: WO 8664094-A 26 17-JUL-1986;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                               Sequence 26 from Patent WO 8604094.
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AX241130
AX241130.1 GI:15798005
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Sequence 32 from Patent WO0061795.
AX038275
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                     21 AAACCCAACAACTACCTACTC 1
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Homo sapiens
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AX038275/C
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Patent: WO 0244211-A 33 06-JUN-2002;
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Pred. No. 5.2e+02;
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81.0%; Pred. No. 5.2e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:3260"
/noTe="PCR Primer Sequence"
              1. .22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="oligonucleotide primer"
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Patent: WO 0244211-A 18 06-JUN-2002;
Curagen Corporation (US)
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Sequence 18 from Patent W00244211.
AX591991
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Sequence 33 from Patent WO0244211.
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Location/Qualifiers
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/mol_type="unassigned DNA"
/mol_txpe="taxon:32630"
/noTe="PCR Primer Sequence"
                                                     /organism="synthetic construct"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DNA
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Patent: WO 0244211-A 39 06-JUN-2002;
Curagen Corporation (US)
Location/Qualifiers
                                                                            /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer Sequence"
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Sequence 39 from Patent W00244211.
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Sequence 51 from Patent W00244211.
AX592024
Location/Qualifiers
                                                                                                                                                                                                                                                                                                   886 GGGAACATCATCAACATGCAC 906
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synthetic construct
artificial sequences.
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81.0%; Pred. No. 5.2e+02;
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JP 2002078489-A/22
19-MAR-2002
04-SEP-2000 JP 2000267840
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                                                                              2 GGCACCAGGTAAACGATGGA 22
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                                                 2 GGAAGCAGCGTAAAGGATGGA
 Best Local Similarity 81.0%
Matches 17; Conservative
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Best Local Similarity
Matches 17; Conserv
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BD133862
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Histone deacetylase 9
Patent: WO 03029451-A 18 10-APR-2003;
The Institute of Cancer Research (GB) ; Zelent, Arthur (GB)
Petrie, Kevin (GB) ; Guidez, Pabien (GB)
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                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db xref="taxon 32630"
/note="PCR Primer Sequence"
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Patent: WO 02072882-A 1190 19-SEP-2002;
OGHAM GmbH (DE)
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WO 0244211-A 51 06-JUN-2002;
Corporation (US)
Location/Qualifiers
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AX743258
AX743258.1 GI:30577184
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/db_xref="taxon:9606"
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    .22
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Homo sapiens
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AX510165
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AX743258
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IN BD133862.

IN 2002078489-A21.

Synthetic construct

SM synthetic construct

Existing sequences.

In (bases 1 to 22)

Murao, S., Oda, K., Ozaki, A. and Minoda, M.

Novel acid profesase with serine residue participating in the expression of the activity

DAIMA KASEI KK

OS Artificial Sequence

PD 19-WAR-2002;

PD 19-WAR-2002

PD 19-WAR-2000

PD 19-WAR
    Gaps
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JP 20102078489-A/22.
synthetic construct
synthetic construct
artificial sequences.

Mirao, S., Oda, K., Ozaki, A. and Minoda, M.
Novel acid protease with serine residue participating in the expression of the activity
Patent: JP 2002078489-A 22 19-MAR-2002;
DAIWA KASEI KK.
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Description of Artificial Sequence:synthesized
Location/Qualifiers
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    4; Indels
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ilarity 81.0%; Pred. No. 5.2e+02;
Conservative 0; Mismatches 4;
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/organism="synthetic construct"
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0; Mismatches
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Unclassified.

1 (bases 1 to 17)
Chang, T.Wen. and Chang, N.T.
Method of producing an antibody with a peptide corresponding to membrane-bound 19A
Patent: US 5866129-A 5 02-FEB-1999;
                                                                                                                                                                                                                                               1. .17
/organism="unknown"
/mol_type="unassigned DNA"
                                           Sequence 5 from patent US 5866129.
                                                                        AR031196.1 GI:5945485
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Best Local Similarity 93.8
Matches 15; Conservative
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Best Local Similarity 93.8
Matches 15; Conservative
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'note="transcribed as larger precursor, predicted to form
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lagos-Quintana,M., Rauhut,R., Meyer,J., Borkhardt,A. and Tuschl,T.
New microRNAs from mouse and human
RNA 9 (2), 175-179 (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Submitted (07-MAY-2003) Rauhut R., Dep. of Cellular Biochemistry, Max Planck Institute for Biophysical Chemistry, Am Fassberg 11, Goettingen 37077, Germany related sequence: TIG4655510 (Trace Archive).

Location/Qualifiers
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PI SAWAO MURAO,KOHEI ODA,AKIRA OZAKI,MASASHI MINODA PC
C12N15/09,A61P1/14,A61P43/00,C12N9/52//A23L1/39,A61K38/46, PC
C12G3/02,
PC (C12N9/52,C12K1:19),C12N1F/^^
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Location/Qualifiers
                                                                                     (CIÓN9/52,CI2R1:19),CI2N15/00,A61K37/54
Description of Artificial Sequence:synthesized
Location/Qualifiers
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                                                                                                                                                                                                                                                            ch 0.8%; Score 14.6; DB 1; Similarity 81.0%; Pred. No. 5.2e+02; 17; Conservative 0; Mismatches 4;
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    .22
        /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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AJ560747.1 GI:30842621
microRNA miR-206; miR-206 gene; miRNA.
Mus musculus (house mouse)
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AJ560747
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/db_xref="taxon:10090"
/tissue_type="skin"
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Direct Submission
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Kolodny, E.H., Wang, Z.-H., Raghavan, S. and Zeng, B.
Canine .beta.-calactosidase gene and GM1-gangliosidosis
Patent: US 6140115-A 8 31-OCT-2000;
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 Length 17;
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Stinchcomb, D.T. and McSwiggen, J.A.
Interlukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 427 15-SEP-1998;
0.8%; Score 14.4; DB 1; 93.8%; Pred. No. 3.8e+02;
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93.8%; Pred. No. 3.8e+02;
tive 0; Mismatches 1;
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Sequence 427 from patent US 5807743.
AR039579.1 GI:5958942
                                  0; Mismatches
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/organism="unknown"
/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR117430.
AR117430.1 GI:14098336
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Conservative
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Matches 15; Conservative
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Unclassified.
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AR398123
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1 (Dases 1 to 17)
Chang, T.Wen. and Chang, N.T.
Peptides relating to the extracellular membrane-bound segment of
human alpha chain.
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Chang, T.W. and Chang, N.T.
Nucleotides coding for the extracellular membrane-bound segment
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0.8%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 3.8e+02; tive 0; Mismatches 1; Indels
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                              Patent: US 5484907-A 5 16-JAN-1996;
Location/Qualifiers
1. .17
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Sequence 5 from patent US 5690934.
175968.
175968.1 GI:3012122
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                                                                        CAGGATGACCAGCAGT 2
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I17197.1 GI:1252105
                          15; Conservative
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PAT 18-DEC-2003
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6740 20-MAY-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J. Sweedler, D. and Zinnen, S. Oligoribonuclectides with enzymatic activity
Patent: US 6617438-A 504 09-SEP-2003;
                                                                                                                                                                                                                                          0.8%; Score 14.4; DB 1; Length 17;
33.8%; Pred. No. 3.8e+02;
ve 0; Mismatches 1; Indels
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1 (bases 1 to 17)
Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulio-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 505 04-MR-2003;
Location/Qualifiers
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AR398123
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/organism="unknown"
/wol_type="unassigned RNA"
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AR329338.1 GI:33715146
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                              Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I. Polymorphisms in the human mdr-1 gene and their use in diagnostic
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0153103-A 3441 16-AUG-2001;
RIBOZYME PHRAMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligornuclecotides
Patent: WO 0173002-A 2930 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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                                                           and therapeutic applications
Patent: WO 0109183-A 114 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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Pred. No. 3.8e+02;
0; Mismatches 1;
                                                                                                                                      /organism="synthetic construct"
/mol type="unassigned DNA"
/mol xype="unassigned DNA"
/noTe="synthetic"
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                                                                                                                                                                                                                                               0; Mismatches
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synthetic construct
artificial sequences.
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Best Local Similarity 93.8%;
Matches 15; Conservative
 artificial sequences.
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 543 02-DEC-2003;
Location/Qualifiers
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 545 02-DEC-2003;
Location/Qualifiers
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93.8%; Pred. No. 3.8e+02;
tive 0; Mismatches 1;
Pred. No. 3.8e+02;
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Sequence 545 from patent US 6656700.
AR434122 1GI:40196965
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Sequence 543 from patent US 6656700.
AR434120
AR434120.1 GI:40196963
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PAT 18-JUN-2002

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                               Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 716 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1454 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GE
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Best Local Similarity 93.87
Matches 15; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 188124-A 115 22-NOV-2001;
RIBOZYME PHARMACETTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                                                                                                                                          Gaps
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-8 231 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Randi, A.M.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Eutele
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                    0.8%; Score 14.4; DB 1; Length 17; 93.8%; Pred. No. 3.8e+02; tive 0; Mismatches 1; Indels
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/organism="Homo sapiens"
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Sequence 115 from Patent WO0188124.
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Location/Qualifiers
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1610 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 967 14-FEB-2002;
RIBOZYME PHARMACETTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Human testis expressed patched like protein
Patent: BP 1229046-A 64 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.8e+02;
Matches 15; Conservative 0; Mismatches 1;
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WO0211674.
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Sequence 967 from Patent WO0211674.
AX579129
AX579129.1 GI:27648331
                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Location/Qualifiers
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Location/Qualifiers
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Sequence 1610 from Patent AX579772
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Memo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                   Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. and Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 1018124-A 1903 22-NOV-2001;
RIBOZYME PHARACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
LOCATION/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 63 07-AUG-2002;
Acomica, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
     Sequence 1903 from Patent WO0188124.
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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AX498757
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                                        AX423567.1 GI:21526949
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REFERENCE AUTHORS

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bennett, C. Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense modulation of cellular inhibitor of Apoptosis-2
expression
Patent: US 5958771-A 19 28-SEP-1999;
Location/Qualifiers
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93.8%; Pred. No. 4.2e+02;
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Location/Qualifiers
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Seguence 247 from Patent W003025175.
AX728613
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AR076305
AR076305.1 GI:10003051
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/db_xref="taxon:9606"
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/organism="unknown"
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1995 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel 1 (clca.)
Patent: WO 0211674-A 1931 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 93.8%; Pred. No. 3.8e+02;

Matches 15; Conservative 0; Mismatches 1; Indels
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Sequence 1931 from Patent W00211674.
AX580093
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Sequence 1995 from Patent WO0211674.
AX580157
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Location/Qualifiers
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Matches 15; Conserv
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Query Match

COUNTION 485**ULT 360** 4X580**157**

ACCESSION

VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS JOURNAL

TITLE

FEATURES

Gaps

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PAT 12-JUN-2003

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Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, B., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H.
Methods and nucleic acids for the analysis of hematopoietic cell
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                                                      /organism='Artificial Sequence'
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1;
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Pred. No. 4.2e+02;
                     Location/Qualifiers
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/organism="synthetic construct"
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/organism="synthetic construct"
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/db_xref="taxon:22630"
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Sequence 1048 from Patent WO02077272.
AX599708
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Patent: WO 02077272-A 1048 03-OCT-2002;
Epigenomics AG (DE)
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Best Local Similarity 93.8%; Pred. No. 4.2e
Matches 15; Conservative 0; Mismatches
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   Antisense Oligonucleotide
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CI2N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
C12N15/00
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                                                                                                                                                                                                                                                                             PF 23-SEP-1999 JP 2000585449
PR 03-DEC-1998 US 09/205144
PI FRANK C BENNETT, ELIZABETH J ACKERMANN, LEX M COWSERT PC C12N15/09, A61K31/7115, A61K31/7125, A61K31/713, A61K48/ PC 00,
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1 (bases 1 to 18)

Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Chasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
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PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 F
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for gene
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Bennett, F.C., Ackermann, E.J. and Cowsert, L.M.
Antisense modulation of expression of cellular inhibitor of Patent: JP 2002531102-A 19 24-SEP-2002;
ISIS PHARMACEUTICALS INC
PATAILICIAL Sequence
PN J 2002531102-A/19
PD 24-SEP-2002
Antisense modulation of expression of cellular inhibitor of
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/organism="synthetic construct"
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Patent: JP 2002511276-A 169 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002511276-A/169
PD 16-APR-2002
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BD250615.1 GI:33060385
JP 2002511276-A/169.
                                                    BD234537.1 GI:33044307
JP 2002531102-A/19.
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/mol_type="unassigned DNA"
Sequence 6 from patent US 5830657.
AR051219
AR051219.1 GI:5974583
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1 (bases 1 to 19)

Leushner, J., Hul, M., Dunn, J.M. and Larson, M.T.

Method for amplification and sequencing of nucleic acid polymers

Patent: US 5789168-A 6 04-AUG-1998;
                                                                                                                                                                                                                                                                                              Moriya,S., Ichihara,T., Suzuki,O., Urano,A. and Abe,S.
Method for determining chum salmon haplotype using mitochondrial
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           0.8%; Score 14.4; DB 1; Length 18; 93.8%; Pred. No. 4.2e+02; Live 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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                                                                                                                                                                  AX776117 18 bp
Sequence 67 from Patent EP1319721.
AX776117
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                                                                                        3 TGAGGGTGGTGGTGGT 18
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Unclassified.

1 (bases 1 to 19)
Stevens,J.K., Dunn,J.M., Leushner,J. and Green,R.J.
Method for evaluation of polymorphic genetic sequences, and the use thereof in identification of HLA types
Patent: US 5834189-A 6 10-NOV-1998;
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 19)
1 (bases) to 20)
1 (considered for single-tube sequencing of nucleic acid polymers Patent: US 5830657-A 6 03-NOV-1998;
Location/Qualifiers
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1 (bases 1 to 19)

2 Sanghvi,Y. and Manoharan,M.
Activators for Oligonucleotide synthesis Patent: US 6274725-A 9 14-AUG-2001;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 6 from patent US 5834189.
AR053210
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AR20ence 9 from patent US 6274725.
AR165304 GI:16238860
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Gaps

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PAT 18-DEC-2003

linear

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                    Query Match 0.8%; Score 14.4; DB 1; Length 19; Best Local Similarity 93.8%; Pred. No. 4.6e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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93.8%; Pred. No. 4.6e+02;
trive 0; Mismatches 1;
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Manoharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 9 04-NOV-2003;
Location/Qualifiers
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Sequence 344 from Patent WO0130362.
AX129126
AX129126.1 GI:14135431
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                AR429274 19 bp
Sequence 9 from patent US 6642373.
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/organism="unknown"
/mol_type="genomic DNA"
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Location/Qualifiers
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AR429274.1 GI:40189445
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Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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AX129126
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Drazen,J.M., In,K.-H., Asano,K., Beier,D. and Grobholz,J.
5-Lipoxygenase gene polymorphisms and their use in classifying patients
Patent: US 6355434-A 36 12-MAR-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                           artificial sequences.

I (bases 1 to 19)

S Hinuma, S., Fujii, R., Kawamata, Y., Miwa, M. and Hosoya, M.
Sorrening method

I PAKEDA CHEMICAL INDUSTRIES LTD, SHUJI HINUMA, RYO FUJII, YUJI
XAWAMATA, MASANORI MIWA, MASAKI HOSOYA
OS Artificial Sequence
RN WO 02084286-A/29
PD 24-OCT-2002
PP 11-APR-2002 WO 2002JP003613
PR 11-APR-2001 JP 01P 114203,14-JUN-2001 JP 01P 180562 PI
16-JUL-2001 JP 01P 214922,27-DEC-2001 JP 01P 397767 PR
22-FEB-2002 JP 02P 045728
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CINS/10,C12P21/02,C07K16/28,C12Q1/68
Primer designed for TNF alfa mRNA quantification FH
Location/Qualifiers
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   Length 19;
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93.8%; Pred. No. 4.6e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="t-axon:32630"
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Sequence 36 from patent US 6355434.
AR199415
AR199415.1 GI:20249489
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BD179426.1 GI:30016696
WO 02084286-A/29.
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synthetic construct
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est Local Similarity
atches 15; Conserv
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79426/c
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Gaps

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1; Indels

Length 19;

linear PAT 15-MAY-2001

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Gaps

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Location/Qualifiers
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strandedness: Single;
                                                                                        CQ830203.1 GI:50250696
                                                                                                                                                                                                                                                                                                                                       131 GGATGAAGAAGATCAA 146
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                                                                                                                            synthetic construct artificial sequences.
                                                                                                                                                                                                                                                                                                     93.8%;
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                                                                                                               synthetic construct
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Best Local Similarity
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CQ830203
                                                             DEFINITION
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KEYWORDS
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TERENCE J VAN RAAY,KATHERINE W KLINGER
C12N15/12,C12N15/85,C07K14/47,C07K14/475,C07K16/18,A01K67/027
Oligonucleotide Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Landes, G.M., Burn, T.C., Connors, T.D., Dackowski, W.R., Raay, T.J.V.
                                                                                                                                                                                                                                                                                                                                                                      BD204809 20 bp DNA linear PAT 17-JUL-21
Novel human chromosome 16 genes, compositions, methods of making
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and Klinger, K.W. Novel human chromosome 16 genes, compositions, methods of making
                                                                                                                                                                                                                                                              Gaps
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 14.4; DB 1; Length 20; 93.8%; Pred. No. 4.9e+02; tive 0; Mismatches 1; Indels
                                                                                                        Unclassified.

1 (bases 1 to 20)

Mard, D.T. and Cowsert, L.M.

Antisense modulation of NCK-2 expression

Patent: US 6165728-A 77 26-DEC-2000;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                               /organism="unknown"
/mol_type="unassigned DNA"
                        AR122523 20 bp Sequence 77 from patent US 6165728.
                                                AR122523
AR122523.1 GI:14106840
                                                                                                                                                                                                                                                                                                                                                                                                                      BD204809.1 GI:33014579
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                                                                                                                                                                                                                                                                                    815 ACACGGAGAGTCCCT 830
                                                                                                                                                                                                                                                                                                            4 ACACGGAGAGAGTCGCT 19
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Best Local Similarity
Matches 15; Conserva
                                                                                    Unknown.
                                                                                                   Unknown.
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Best Local 9
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RESULT 376
AR122523
LOCUS
                                    DEFINITION
                                                                                   SOURCE
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                                                                                                                                             TITLE
JOURNAL
FEATURES
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JERSION
KEYWORDS
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PCR primer to detect Vibrio parahaemoliticus tdh gene.
E03949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  YAMAGATA KOICHI,
PI TADA ATSUSHI, SHIRASAKI YOSHINARI
PC C12N15/11,C12Q1/04,C12Q1/68,(C12N15/11,C12R1:63),(C12Q1/04, PC
    PAT 12-JUL-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
synthetic construct
synthetic construct
synthetic construct
1 (bases 1 to 20)
Ohashi,T., Fukushima,S., Nishimura,N., Yamagata,K., Tada,A. and
Shirasaki,Y.
OLIGONUCIEOTIDE FOR DETECTING BACTERIUM AND DETECTING METHOD USING
SAME NUCLEOTIDE
PARTH: 19 1992293486-A 6 19-OCT-1992;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                              Morgan, R.G., Pettengell, R., Forraz, N.P. and Mcguckin, C.P. Peptides impairing pbx dependent gene regulation Patent: WO 2004055049-A 58 01-UUL-2004; ST. GEORGE'S ENTERPRISES LIMITED (GB) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Artificial gene
Artificial sequence; Genes.
UP 192223486-A/6
19-CCT-1992
25-MAR-1991 JP 1991059820
OGRAFIT TETSUO, FUKUSHIMA SHIGERU, NISHIMURA NAOYUKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1. 20
/note='PCR primer to detect Vibrio
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 14.4; DB 1; Length 20; 33.8%; Pred. No. 4.9e+02;
    linear
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Location/Qualifiers

    .20
    forganism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

CQ830203 20 bp DN Sequence 58 from Patent WO2004055049.
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Gaps

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PAT 26-JUL-1995

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Gaps

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PAT 02-APR-1996

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ISAO ISHIDA
A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC
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Okamoto, H. and Nakamura, T.
Oligonucleotides and determination system of HCV genotypes
Patent: US 5427999-A 40 27-JUN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (Jases 1 to 20)
Chashi T., Tada,J., Fukushima,S., Ozaki,H., Nishimura,N., Shirasaki,Y. and Yamagata,K.
Chispnucleotides for detecting bacteria
Patent: US 5468852-A 6 21-NOV-1995;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"
                                        KAZUMA TOMIZUKA, HITOSHI YOSHIDA, KAZUNORI HANAOKA, PI
                                                                                                                                  ce 1..20
/organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                             Length 20;
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93.8%; Pred. No. 4.9e+02;
tive 0; Mismatches 1;
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93.8%; Pred. No. 4.9e+02;
tive 0; Mismatches 1;
                                                                                                                      Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 40 from patent US 5427909.
112630
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Sequence 6 from patent US 5468852.
I15592.
I15592.1 GI:1250500
16-NOV-1999
23-MAR-1999 JP 1999078572
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/organism="unknown"
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Best Local Similarity 93.8
Matches 15; Conservative
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Unclassified.
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Best Local Similarity
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PD 16-NC
PF 23-MP
PR
PI KAZUM
OSHIMURA,
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I15592/c
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112630/c
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JOURNAL
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                                                                                                                                                                          20 bp DNA linear PAT 29-SEP-1997
Oligomucleotide for detecting tdh gene of Vibrio parahaemolyticus.
E07678
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                                              Gaps
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JP 1994165698-A/2.
Vibrio parahaemolyticus
Vibrio parahaemolyticus
Bacteria: Proteobacteria; Gammaproteobacteria; Vibrionales;
Vibrionaceae; Vibrio.
I (bases I to 20)
Tada, A. and Nakayama, T.
METHOD POR DETECTING NUCLEIC ACID
Patent: JP 1994165698-A 2 14-UNN-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Kazuma,T., Hitoshi,Y., Kazunori,H., Mitsuo,O. and Isao,I.
Chimeric animal and method for constructing the same
Patent: JP 1999313576-A 8 16-NOV-1999;
KIRN BREWERY CO LTD
OS Artificial Sequence
PN UP 1999313576-A/8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism='Vibrio parahaemolyticus'.
Location/Qualifiers
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Chimeric animal and method for constructing the same.
E38858
              0.8%; Score 14.4; DB 1; Length 20; 93.8%; Pred. No. 4.9e+02; ive 0; Mismatches 1; Indels
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|/organism="Vibrio parahaemolyticus"
|/mol_type="genomic DNA"
|db_xref="taxon:670"
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TADA ATSUSHI, NAKAYAMA TOMOKO C12Q1/68,C12N15/10,C12N15/11,C12Q1/70; strandedness: Single;
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JP 1994165588-A/2

14-UUN-1994

16-UUL-1993 JP 1993176749

30-SEP-1992 JP 92P 261899
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hypothetical: No;
anti-sense: No;
                                                                             224 ATGAGAGTGGTGG 239
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JP 1999313576-A/8.
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                                              15; Conservative
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20 bp DI Sequence 105 from patent US 6503152. AR271162.1 GI:29702465
Sequence 21 from patent US 6440739.
AR224716
AR224716.1 GI:23333556
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Sequence 8 from patent US 6632976.
AR409520 GI:40160493
                                                                                                                                                                           /organism="unknown"
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Pelz, D.T.
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Unclassified.
1 (bases 1 to 20)
Ohashi, T., Tada, J., Fukushima, S., Ozaki, H., Nishimura, N.,
Shirasaki, Y. and Yamagata, K.
Oligonucleotides for detecting bacteria and detection method using
                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Ohashi,T., Tada,J., Fukushima,S., Ozaki,H., Nishimura,N.,
Shirasaki,Y. and Yamagata,K.
Oligomucleotides for detecting bacteria and detection method using
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93.8%; Pred. No. 4.9e+02;
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Patent: US 5516898-A 6 14-MAY-1996;
Location/Qualifiers
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Location/Qualifiers
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Sequence 6 from patent US 5516898.
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/organism="unknown"
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1 (bases 1 to 20)

1 (bases 1 to 20)

Tomizuka, K., Yoshida, H., Hanaoka, K., Oshimura, M. and Ishida, I.

Tomizuka, K., Yoshida, H., Hanaoka, K., Oshimura, M. and Ishida, I.

Chimeric mice the produced by microcell mediated chromosome transfer and that retain a human antibody gene

Patent: US 6632976-A 8 14-OCT-2003;

Location/Qualifiers
Unclassified.

1 (bases 1 to 20)

Bennett, C.F. and Freier, S.M.
Antisense medulation of glioma-associated oncogene-2 expression
Patent: US 6440739-A 21 27-AUG-2002;
Location/Qualifiers
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 1;
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Patent: US 6503152-A 105 07-JAN-2003;
Location/Qualifiers
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Synthetic construct
synthetic construct
artificial sequences.

It (bases 1 to 20)

SS saito, A., Tamatasubo, K. and Adachi, K.

Saito, A., Tamatasubo, K. and Adachi, K.

Genes and proteins participating in the upstream of degradation passage of aromatic polycyclic compound

ML Patent: JP 2001245662-A, 47 11-SEP-2001;

MARINE BIOTHCHNOLOGY INST CO LTD

OS Artificial Sequence
PN JP 2001245662-A/47

PD 11-SEP-2001 PP 2000059523

PF 03-MAR-2000 JP 2000059523

PF 03-MAR-2000 JP 2000059523

PC C12N15/09,C12N9/02,C12N15/00

CC Description of Artificial Sequence: Synthetic primer KP139. PH

Key
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                  PAT 16-AUG-2002
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Saccharomycetales, mitosporic Saccharomycetales, Candida.
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                                                                                                                                                                                                            Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 0206378-A 5572 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
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93.8%; Pred. No. 4.9e+02;
ive 0; Mismatches 1;
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/organism="synthetic construct"
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            Sequence 5572 from Patent W002053728. AX488272
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Candida albicans
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TITLE
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TITLE
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KEYWORDS
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Patent: WO 0206497-A 15 24-JAN-2002;
International Centre for Genetic Engineering and Biotechnology (IT)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                               356 CTGATGGGGAGAGTGA 371
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                    93.8%;
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l (bases 1 to 21)
Lifton, R.P., Chang, S.S. and Rossier, B.C.
Method to diagnose and treat pathological conditions resulting from deficient ion transport such as pseudohypoaldosteronism type-1
Patent: Location/Qualifiers
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                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                             Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2176 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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83.3%; Pred. No. 5.3e+02;
ive 1; Mismatches 2; Indels
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93.8%; Pred. No. 5.3e+02;
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Protein production in aureobasidium pullulans
Patent: WO 0196578-A 4 20-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA
 Sequence 2176 from Patent W00118250.
                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AR307359 21 bp
Sequence 58 from patent US 6551775.
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                                                                                                                                                                                                                                Pharmaceuticals, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                  916 CIGITCCIGITCCAGCIG 933
                                GI:13513266
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AR307359.1 GI:31697886
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                                                                 Homo sapiens (human)
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Karim,S.A.
HIV-1 subtype isolate regulatory/accessory genes, and modifications
and derivatives thereof
Patent: WO 03037919-A 23 08-MAY-2003;
The South African Medical Research Council (ZA); University of
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Human immunodeficiency virus 1
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Williamson, C., van Harmelen, J.H., Gray, C.M., Bourn, W. and
THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. (US) Location/Qualifiers
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33.8%; Pred. No. 5.3e+02;
ve 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Human immunodeficiency virus
/mol type="unassigned DNA"
/db xref="taxon:11676"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
                                                 /organism="synthetic construct'/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide"
                                                                                                                                                                                                                                                                                                                                     DNA
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Modified peptides and their uses
Patent: WO 03035692-A 4 01-MAY-2003;
THE VICTORIA UNIVERSITY OF MANCHESTER
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                    AX753169 21 bp
Sequence 23 from Patent W003037919.
AX753169.1 GI:32165901
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AX754893
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Matches 15; Conservative
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Best Local Similarity 93.8
Matches 15; Conservative
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                                                                                                                                          Query Match
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AX753169
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PAT 07-MAR-1997
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Pathogen inducible promoter
Pathogen inducible promoter
Melchers Leo SJORBO (NL); CUSTERS JEROME HUBERTINA HENRI (NL);
ZENECA MOGEN B V (NL)
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1 (bases 1 to 22)
Ladamyi,M. and Gerald,W.
Diagnostic test for the desmoplastic small round cell tumor
Patent: US 5670317-A 7 23-SEP-1997;
Location/Qualifiers
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/db xref="texton:32650"
/noTe="Description of Artificial Sequence:primer"
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            Query Match 0.8%; Score 14.4; DB 1; Best Local Similarity 93.8%; Pred. No. 5.7e+02; Matches 15; Conservative 0; Mismatches 1;
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1;
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                          22 bp
Sequence 7 from patent US 5670317.
166236.
166236.1 GI:2724213
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Sequence 16 from Patent W00060086.
AX038201
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PR 11-MAR-1997 US 60/040171
PI RICHARD P LIFTON, SUB S CHANG, BERNARD C ROSSIER PC C1201/68, CO7K16/18, C12N15/12, C12N5/10, C07K14/47 CC Strandedness: Single C Topology: Linear; CC Topology: Linear; CC Topology: Linear; CC Topology: Linear; FT Source
                                                                                                                                                                    BD070804 21 bp DNA linear PAT 27-AUG-2002 Method to diagnose and treat pathological conditions resulting from deficient ion transport such as Pseudohypoaldosteronism type-1.
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Lifton, R.P., Charg, S.S. and Rossier, B.C.
Mathod to diagnose and treat pathological conditions resulting from Method to diagnose and treat pathological conditions type-1
deficient ion transport such as Pseudohypoaldosteronism type-1
Patent: JP 2001514521-A 43 11-SEP-2001;
VALE UNIVERSITY
OS Unidentified
PN JP 2001514521-A/43
PD 11-SEP-2001
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Smeltzer,M.S.
Use of cna, fnba, fnbb, and hlb, gene probes for the strain-specific identification of Staphylococcus aureus Patent: US 57891/1-A 20 04-AUG-1998;
Location/Qualifiers
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Location/Qualifiers
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13.8%; Pred. No. 5.3e+02;
ve 0; Mismatches 1;
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/wol_type="unassigned DNA"
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Sequence 20 from patent US 5789171.
AR020524
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/organism="unidentified"
/mol_type="genomic DNA"
/do_xref="taxon:32644"
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JP 2001514521-A/43.
unidentified
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CMV infections Patent: US 6153595-A 28 28-NOV-2000;
Location/Qualifiers
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S.
Composition and method for treatment of CMV infections
Patent: US 6153595-A 35 28-NOV-2000;
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84.2%; Pred. No. 5e+02;
rative 0; Mismatches 3; Indels
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llarity 84.2%; Pred. No. 5e+02;
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AR120031.1 GI:14102730
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Sequence 28 from patent US 6153595.
AR120024
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
                            /mol type="unassigned DNA"
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/organism="unknown"
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                                                                                                                                 1 GATCCATCCATCCTTCCTC 19
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ilarity 84.2%;
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Pallisgaard, N. and Hokland, P.
DETECTION OF CHROMOSOMAL ABNORMALITIES
BATENT: WO 9824928-A 169 11-JUN-1998;
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)
LOCATION/Qualifiers
                                                                                            1 (bases 1 to 19)
Jeffreys, A.J. and Armour, J.
DENTIFICATION OF SIMPLE TANDEM REPEATS
PATENT WO 9517522-A 56 29-JUN-1995;
UNIV LEICESTER (GB)
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Jeffreys, A.John. and Armour, J.
Simple tandem repeats
Patent: US 5843647-A 56 01-DEC-1998;
Location/Qualifiers
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                                                                                                                                                                                                                                 /mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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A91642
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Sequence 56 from Patent WO9517522.
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/organism="unidentified"
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Best Local Similarity 84.2%;
Matches 16; Conservative C
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06-JUL-1994 JP 94P 154571
FUKUI TAKASHI, KATSURAGI SHIYUKUTEN, KINOSHITA MORITOSHI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Primer for detecting human cytochrome P4501A2 polymorphism (one member of a couple).
Schrenzel, J., Francois, P., Charbonnier, Y., Jacquet, J.G., Utinger, D., Kresbach, G.M., Abel, A. and Ehrat, M. Analytical chip for the detection of 16s-rrna from clinically relevant bacteria and analytical method based thereon Patent: WO 2004013170-A 72 22-APR-2004; Hopitaux Universitaires de Geneve (CH)
                                                                                                                                                                                                                                                                                                  Gaps
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Fukui,T., Katsuragi,S., Kinoshita,M. and Shin,T.
Fukui,T., Patsuragi,S., Kinoshita,M. and Shin,T.
Fukui,T., Fatsuragi,S., Kinoshita,M. and Shin,T.
Fatsuri,T., PolymorphisM of HUMAN CYTOCHROME P4501A2 GENE
Patent: JP 1966(70897-A) 3 19-MAR-1996;
OTSUKA PHARMACEUT CO LTD
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Pred. No. 5e+02;
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                                                                                                                                                            /organism="synthetic construct"
/mol Lype="unassigned DNA"
/db xref="taxon:32630"
/nofe="probe for Streptococcus pneumoniae"
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Sequence 28 from patent US 5442049.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 bp
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strandedness: Single;
topology: Linear;
                                                                                                                                                                                                                                                                                                                                      1440 IGCCATGAAACAICCATIC 1458
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19-MAR-1996
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JP 1996070897-A/3.
unidentified
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Best Local Similarity 84.2%;
Matches 16; Conservative
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E10985
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      AUTHORS
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                                                                                                                                        Schrenzel, J., Francois, P., Charbonnier, Y., Jacquet, J.G., Utinger, D., Kresbach, G.M., Abel, A. and Ehrat, M. Analytical chip for the detection of 16s-rrna from clinically relevant bacteria and analytical method based thereon Patent: WO 200403720-A 31 22-APR-2004; Hopitaux Universitaires de Geneve (CH)
                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref=1axon:32630"
/note="Probe for Streptococcus pneumoniae"
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Pred. No. 5e+02;
0: Mismatches 3; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 71 from Patent WO2004033720.
CQ801755 GI:47058336
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est Local Similarity
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PAT 20-DEC-2002

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Unknown.

Unclassified.

(base1 to 19)

Srivastava, A., Ponnazhagan, S., Chloemer, R.H., Wang, X.-S., Yoder, M.C., Zhou, S.-Z., Escobedo, J. and Dwarki, V.
                                                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 14.2; DB 1; Length 19;
84.2%; Pred. No. 5e+02;
tive 0; Mismatches 3; Indels
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                3;
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Undrassified.
B I (bases 1 to 19)
S LaFleur D.W., Moore, P.A. and Ruben, S.M.
Keratinocyte derived interferon
AL Patent: US 6472512-A 51 29-0cT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 5e+02; Matches 16; Conservative 0; Mismatches 3;
 Pred. No. 5e+02;
0; Mismatches
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                                                                                                                                                  Sequence 51 from patent US 6472512.
AR242487
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Patent: US 6521225-A 1 18-FEB-2003;
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Sequence 1 from patent US 6521225.
AR281774
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                                                                                                                                                                                                                                                                                                                                                                         /organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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                                              270 ACGIGCTGCTCCTGGGGAA 288
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84.2%;
Best Local Similarity 84.29
Matches 16; Conservative
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Best Local Similarity 84.2:
Matches 16; Conservative
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AX074450/c
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AR242487/c
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Fukui,T., Katsuragi,K., Kinoshita,M. and Shin,S. deceased.
Fukui,T., Katsuragi,K., Kinoshita,M. and Shin,S. deceased.
Method for detecting polymorphism of human cytochrome P4501A2 gene
Patent: US 5719026-A 3 17-FEB-1998;
Location/Qualifiers
                                                                                1 (Dases 1 to 19)
Anderson,K., Draper,K. and Baker,B.
Oligonucleotides for modulating the effects of cytomegalovirus
infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 19)
Anderson,K., Draper,K. and Baker,B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
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84.2%; Pred. No. 5e+02;
tive 0; Mismatches 3; Indels
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Location/Qualifiers
                                                                                                                                    Patent: US 5442049-A 28 15-AUG-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 35 from patent US 5442049.
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 3 from patent US 5719026.
188621
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                                                                                                                                                                                                                                                                                             131 GGATGAAGAAGATCAAACG 149
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 GI:996250
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Best Local Similarity 84.2<sup>3</sup>
Matches 16; Conservative
                                                                             (bases 1 to 19)
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113820.1
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ORGANISM
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PAT 06-FEB-2001

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PAT 15-MAY-2001
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 84.2%; Pred. No. 5e+02;
Conservative 0; Mismatches 3; Indels
                                                                    0.8%; Score 14.2; DB 1; Length 19; ilarity 84.2%; Pred. No. 5e+02; Conservative 0; Mismatches 3; Indels
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84.2%; Pred. No. 5e+02;
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Patent: WO 0130362-A 216 03-MAY-2001;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX128999
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic"
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Sequence 216 from Patent WO0130362.
AX128998
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/organism="Homo sapiens"
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Location/Qualifiers
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Homo sapiens (human)
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 292 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 293 08-FEB-2001,
BPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
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Mosaic infectious bursal disease virus vaccines
Patent: WO 0.04319-A.10. 18-JAN-2001;
Stichting Dienst Landbouwkundig Onderzoek (NL)
Location/Qualifiers
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84.2%; Pred. No. 5e+02;
tive 0; Mismatches 3;
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Pred. No. 5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="synthetic"
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Sequence 293 from Patent WO0109183.
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Infectious bursal disease virus
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IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
              AX129032 19 bp I
Seguence 250 from Patent WO0130362.
AX129032
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Sequence 352 from Patent WO0130362.
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AX129263
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/organism≈"Homo sapiens"
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Homo sapiens
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
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/db_xref="taxon:9606"
/note="Cdk2 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk2 ribozyme binding site"
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Patent: WO 0130362-A 248 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
                                                                                                                            Sequence 248 from Patent WO0130362. AX129030
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Sequence 249 from Patent WO0130362.
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/organism="Homo sapiens"
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               976 CGAGACCTCAAGCCCCAGA 994
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                                               1 ccacaccrraaaccrcaca 19
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ORGANISM

AUTHORS

TITLE

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JOURNAL

RESULT 422

AX129031

Best Loca Matches

RESULT 423

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PAT 15-MAY-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                           Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi;
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
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llarity 84.2%; Pred. No. 5e+02;
Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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PAT 15-MAY-2001

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                            0.8%; Score 14.2; DB 1; Length 19; larity 84.2%; Pred. No. 5e+02; Conservative 0; Mismatches 3; Indels
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Pred. No. 5e+02;
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Patent: EP 1174518-A 73 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                    1..19
/organism="Homo sapiens"
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Patent: WO 0130362-A 675 03-MAY-2001;
IMMUSOL, INC. (US)
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// Organism="synthetic const:
// nol_type="unassigned DNA"
// db_tref="taxon:32630"
// noTe="position 62"
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Sequence 676 from Patent WO0130362.
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Sequence 73 from Patent EP1174518.
                  INC. (US)
Location/Qualifiers
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Location/Qualifiers
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AX129458.1 GI:14135763
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Best Local Similarity 84.2%;
Matches 16; Conservative
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AX352867
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                  Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                       Robbins,J.M. and Tritz,R.
Ribozyme therapy for the treatment of proliferative skin and eye
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Pred. No. 5e+02;
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/organism="Homo sapiens"
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                                                                                                                          Parent: WO 0130362-A 481 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
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Sequence 584 from Patent WO0130362.
AX129366
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Sequence 675 from Patent WO0130362.
AX129457
AX129457.1 GI:14135762
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Location/Qualifiers
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16; Conservative
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14.2%; Pred. No. 5e+02;
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Patent: WO 0208463-A 73 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
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Patent: WO 0200463-A 79 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/note="position 62"
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Sequence 79 from Patent WO0208463.
AX362718
AX362712 19 bp
Sequence 73 from Patent WO0208463.
AX362712
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AX362720.1 GI:18694860
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Matches 16; Conservative
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84.2%; Pred. No. 5e+02;
cive 0; Mismatches 3; Indels
        Score 14.2; DB 1; Length 19;
Pred. No. 5e+02;
0; Mismatches 3; Indels
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Patent: EP 1174518-A 79 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: EP 1174518-A 81 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
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/organism="synthetic construct"
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/noTe="position 62"
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Best Local Similarity 84.2%; Pred. No. 5e+02;
Vatches 16; Conservative 0; Mismatches
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Sequence 79 from Patent EP1174518.
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Sequence 81 from Patent EP1174518.
AX352875
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Heinrich,G. and Kerb,R.
Methods for the treatment of cancer with irinotecan based on CYP3A5
Patent: WO 03013534-A 470 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                           Heinrich, G. and Kerb, R. Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 03013544 469 20-FEB-2003; Epidauros Biotechnologie AG (DE)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 84.2%; Pred. No. 5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Pred. No. 5e+02;
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                 0; Mismatches
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Best Local Similarity 84.2%;
Matches 16; Conservative (
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Best Local Similarity 84.2
Matches 16; Conservative
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AX707702
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AX706772
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Optimized cardiac contraction through differential phosphorylation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                of myosin
Patent: WO 0224889-A 20 28-MAR-2002;
The Secretary of the Department of Health and Human Services (US)
Location/Qualifiers
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Genetic typing
Patent: WO 020292851-A 310 21-NOV-2002;
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="position 62"
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/noTe="rabbit skeletal muscle"
Patent: WO 0208463-A 81 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Sequence 310 from Patent W002092851.
AX601215.1 GI:28401298
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Sequence 20 from Patent WO0224889.
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Edwaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi,
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi,
Bukaryota, Butheria, Primates; Catarrhini; Hominidae, Homo.

I. (Dasses 1 to 19)
Briggard, N. and Hokurando, P.
Method for detecting abnormality in chromosome
L. Pateris, DP 2001505428-A 169 24-APR-2001;
NBILLS PARISGARD
PN JP 2001505428-A 169 24-APR-2001;
PP 08-DEC-1997 JP 1998525090
PT 08-DEC-1997 JP 1998525090
PT 08-DEC-1997 JP 1998525090
PT C12N15/09, C12Q1/68, G01N33/50, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
Yoder, M.C., Zhou, S.Z., Escobedo, J. and Dwarki, V.
Methods and compositions for liver specific delivery of therapeutic molecules using recombinant AAV vectors
Patent: JP 2001500376-A 1 16-JAN-2001;
OS Homo sapiens (human)
PN J 2001500376-A/1
PN J 2001500376-A/1
PP 16-JAN-2001
PP 02-SEP-1997 UP 199512823
PR 06-SEP-1997 UP 199612823
ARON SRIVASTAVA, SELVARANGAN PONNAZHAGAN, ROBERT H CHLOBMER, PI XU
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A01N43/04, A61K31/70, C12N15/63
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db xref="taxon:9606"
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JP 2001505428-A/169.
Homo sapiens (human)
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Matches 16; Conservative
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Srivastava, A., Ponnazhagan, S., Chloemer, R.H., Wang, X.S.,
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                      Heinrich, G. and Kerb, R. Methods for treatment of cancer using irinotecan based on UGTLA1 Patent: WO 03101536-A 469 20-FEB-2003; Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Methods for treatment of cancer using irinotecan based on UGT1A1 Patent: WO 03013536-A 470 20-FEB-2003; Epidauros Biotechnologie AG (DE) Location/Qualifiers
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Pred. No. 5e+02;
0; Mismatches 3; Indels
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ve 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
     Sequence 469 from Patent WO03013536
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/db_xref="taxon:9606"
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JP 2001500376-A/1.
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Best Local Similarity 84.2%;
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(Dases 1 to 20)

Beck,J.Joseph.

Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5814453-A 40 29-SEP-1998;
                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
Beck,J.Joseph.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5814453-A 39 29-SEP-1998;
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3;
                                         ch 0.8%; Score 14.2; DB 1; 1 Similarity 84.2%; Pred. No. 5.4e+02; 16; Conservative 0; Mismatches 3;
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/organism="unknown"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                     Sequence 39 from patent US 5814453.
AR043155
AR043155.1 GI:5964163
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AR043156
AR043156.1 GI:5964164
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Sequence 2 from patent US 5827695.
AR050516
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Best Local Similarity 84.2
Matches 16; Conservative
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AR043156/C
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AR050516
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Unclassified.
1 (bases 1 to 20)
Beck,J.Goseph.
Detection of maize fungal pathogens using the polymerase chain
reaction
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Beck,J.Joseph.
Detection of maize fungal pathogens using the polymerase chain
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Pred. No. 5.4e+02;
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                                                                                                                              Theses I to 20)
First, M.Kent., Agoulnik, A.I. and Muallem, A.
Male infertility y-deletion detection battery
Patent: US 5776682-A 102 07-UL-1998;
Location/Qualifiers
          20 bp Di
Sequence 102 from patent US 5776682.
AR016214
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Location/Qualifiers
1. .20
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Sequence 10 from patent US 5800997.
AR036915 GI:5954771
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Sequence 11 from patent US 5800997.
AR036916
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                                                                              \operatorname{Beck}_{\mathcal{J}}, \operatorname{Joseph}_{\cdot} Detection of wheat fungal pathogens using the polymerase chain
                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 20)
Beck, J.Joseph.
Detection of wheat fungal pathogens using the polymerase chain
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1 (bases 1 to 20)
Orr,H.T., Ranum,L.P.W., Chung,M.-y. and Zoghbi,H.Y.
Gene sequence for spinocerebellar ataxia type 1 and method for diagnosis
                                                                                                                                                                                                                             Gaps
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AR053173
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: US 5827695-A 3 27-OCT-1998;
Location/Qualifiers
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/wol_type="unassigned DNA"
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                                                                                                                     Patent: US 5827695-A 2 27-OCT-1998;
Location/Qualifiers
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Sequence 3 from patent US 5827695.
AR050517 GI:5973242
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 GI:5973241
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                                                     Unclassified.
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Best Local Similarity
Matches 16; Conserv
 AR050516.1
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AR053173
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Ozaki, A., Mori, H., Shibasaki, T., Ando, K. and Chiba, S.
Process for producing trans-4-hydroxy-L-proline
Patent: US 5854040-A 7 29-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 14.2; DB 1; Length 20;
Pred. No. 5.4e+02;
0; Mismatches 3; Indels
0.8%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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First, M.Kent. and Muallem, A.
Male infertility Y-deletion detection battery
Patent: US 5840549-A 32 24-NOV-1998;
Location/Qualifiers
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Sequence 32 from patent US 5840549.
AR060266
AR060266.1 GI:5986716
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/wol_type="unassigned DNA"
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AR073721
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Sequence 7 from patent US 5854040.
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                                                                          40 GCAGGAGGACCAGCAGTGT 58
                                                                                                   GCAGGATGACCAGCCCTGT 20
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AR068700.1 GI:6000907
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Best Local Similarity 84.2%;
Matches 16; Conservative (
Query Match 0.88
Best Local Similarity 84.2°
Matches 16; Conservative
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Best Local Similarity 84.2;
Matches 16; Conservative
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PAT 07-SEP-2000
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I (bases 1 to 20)

Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Anderson, W.H.Kerr.
Family of high affinity, modified antibodies for cancer treatment Patent: US 5993813-A 24 30-NOV-1999;
Location/Qualifiers
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1 (bases 1 to 20)
Mezes,P.S., Gourlie,B.B., Rixon,M.W., Schlom,J., Kaplan,D.A. and
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Unclassified.

Unclassified.

( bases I to 20)

Dean, M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligonucleotide compositions and methods for the inibition of c-Unn and c-Fos
Patent: US 5985558 A 99 16-NOV-1999;
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3;
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Sequence 44 from patent US 5993813.
AR089057
AR089057.1 GI:10015814
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                                                                              20 bp | Sequence 99 from patent US 5985558.
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/organism="unknown"
/mol_type="unassigned DNA"
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AR089040
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AR089057/c
                                                               AR086278/c
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TITLE
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AUTHORS
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Ligon, J.M. and Beck, J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 595274-A 39 21-SEP-1999;
Location/Qualifiers
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Ligon, J.M. and Beck, J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 595274-A 40 21-SEP-1999;
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
Unchaesified.
Unclassified.
Unclassified.
I (bases 1 to 20)
Judenje,H. and Lo Ten Foe,J.R.
CDNA for fanconi anemia complementation group A
Location/Qualifiers
Location/Qualifiers
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Sequence 39 from patent US 5955274.
AR074655
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Sequence 40 from patent US 5955274.
AR074656 1 GI:10001409
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/mol_type="unassigned DNA"
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PAT 16-MAY-2001
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1 (bases 1 to 20)

McKay, R., Dean, W., Monia, B.P., Nero, P.S. and Gaarde, W.A.
Antisense oligonucleotide compositions and methods for tmodulation of JNK proteins
Patent: US 6133246-A 121 17-OCT-2000;

Location/Qualifiers
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1 (Dases 1 to 20)
Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CMV infections Patent: US 6153595-A 30 28-NOV-2000;
Location/Qualifiers
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14.2%; Pred. No. 5.4e+02;
ve 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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Molassified.

B 1 (bases 1 to 20)

AS BECK, J. Joseph.

DNA extraction buffer and method of use thereof

MAL Patent: US 6071698-A 11 06-JUN-2000;

Location/Qualifiers
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Sequence 121 from patent US 6133246.
AR116540.1 GI:14096862
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/organism="unknown"
/mol_type="unassigned DNA"
                              20 bp
Sequence 11 from patent US 6071698.
AR097251
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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               antibodies for cancer treatment
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Gimeno, C.J. and Acton, S.
Method of making lipid metabolic pathway compositions
Patent: 18 6008014-A 6 28-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 14.2; DB 1; Length 20; 84.2%; Pred. No. 5.4e+02; ive 0; Mismatches 3; Indels
                                                                                                                 0.8%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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Beck,J.Joseph.
DNA extraction buffer and method of use thereof
Patent: US 6071698-A 10 06-JUN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                   DNA
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Anderson, W.H.Kerr.
Family of high affinity, modified and
Patent: US 5993813-A 44 30-NOV-1599;
Location/Qualifiers
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Sequence 10 from patent US 6071698.
AR097250
AR097250.1 GI:12805980
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 6 from patent US 6008014.
AR096477
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3est Local Similarity 84.2
Matches 16; Conservative
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AR096477
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AR097250
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PAT 16-JUN-2001

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PAT 08-AUG-2001

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Unclassified.

1 (bases 1 to 20)

Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Family of high affinity, modified antibodies for cancer treatment Family of S207815-A 24 27-MAR-2001;

Datent: US 6207815-A 24 27-MAR-2001;

Location/Qualifiers
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Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Anderson, W.H. Kerr.
Family of high affinity, modified antibodies for cancer treatment Patent: US 6207815-A 44 27-MAR-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
1 Solve and Perry, C. Violet.
Detection of Monilina spp. using the polymerase chain reaction
Patent: US 6221595-A 2 24-APR-2001;
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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AR140693
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
Sequence 24 from patent US 6207815.
AR140676
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Sequence 2 from patent US 6221595.
AR147482
AR147482.1 GI:15111285
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Best Local Similarity 84.2
Matches 16; Conservative
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AR140693/c
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Dalboege,H., Andersen,L.Nonboe., Kofoed,L.Venke.,
Kauppinen,M.Sakari., Christgau,S., Heldt-Hansen,H.Peter. and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       uery Match 0.8%; Score 14.2; DB 1; Length 20; est Local Similarity 84.2%; Pred. No. 5.4e+02; atches 16; Conservative 0; Mismatches 3; Indels
                                                     Length 20;
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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Pred. No. 5.4e+02;
0; Mismatches 3; Indels
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Enzyme with polygalacturonase activity
Patent: US 6159718-A 18 12-DEC-2000,
Location/Qualifiers
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/organism="unknown"
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              /mol_type="unassigned DNA"
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Sequence 90 from patent US 6153595.
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   /organism="unknown"
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AR120086.1 GI:14102785
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PAT 08-AUG-2001

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1. (bases 1 to 20)
Morrison, C.J., Reiss, E., Holloway, B. and Shin, J. Hee.
Methods and compositions for the detection of Candida spp
Patent: Location/Qualifiers
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Ozaki, A., Mori, H., Shibasaki, T., Ando, K. and Chiba, S.
Process for producing trans-4-hydroxy-L-proline
Patent: US 6242231-A 7 05-UUN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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Lott,T.J., Blac.C.M., Morrison,C.J. and Reiss,E.
Nucleic acid probes for detecting Candida species
Patent: US 6242178-A 14 05-JUN-2001,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3; Indels
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84.2%; Pred. No. 5.4e+02;
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 3;
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84.2%; Pred. No. 5.4e+02;
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Sequence 14 from patent US 6242178.
ARIS6144
ARIS6144.1 GI:15124848
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/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/organism="unknown"
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ORGANISM
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Patent: US 6221595-A 3 24-APR-2001;
Location/Qualifiers
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           0.8%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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34.2%; Pred. No. 5.4e+02;
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Sequence 4 from patent US 6235890.
ARI53776.1 GI:15121308
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Sequence 2 from patent US 6235890.
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1 (bases 1 to 20)
Beck,J.Joseph. and Perry,C.Violet.
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/organism="unknown"
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AR153776
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ACCESSION
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AR147483/c
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Male infertility Y-deletion detection battery FH
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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First, M.K. and Muallem, A.

Male infertility Y-deletion detection battery

Patent: JP 2002510962-A 32 09-APR-2002;

PROWIGA CORP

OS Unidentified

PN 7P 2002510962-A/32

PD 09-APR-2002

PP 04-DEC-1999 JP 1998525914

PR 04-DEC-1996 US 08/753979

PI MARIJO KENT FIRST, ARIEGE MUALLEM
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Male infertility Y-deletion detection battery.
BD195419
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Pred. No. 5.4e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Strandedness: Single;
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JP 2002510962-A/32.
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1 (bases 1 to 20)
Dean, N.M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligonucleotide compositions and methods for the modulation of activating protein 1
Patent: US 6312900-A 99 06-NOV-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        uery Match 0.8%; Score 14.2; DB 1; Length 20; est Local Similarity 84.2%; Pred. No. 5.4e+02; atches 16; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)

Bennett, C.Frank. and Cowsert, L.M.
Antisense inhibition of cytohesin-2 expression
Patent: US 6271029-A 68 07-AUG-2001;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 99 from patent US 6312900.
ARI76844
                                                                                       AR163781 20 bp
Sequence 68 from patent US 6271029.
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JP 2002253260-A/12.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
    1 ACGGAGCTCAAGCAGTACC 19
                                                                                                                                                                                                                                                                                                                                                                                                      19 GAACCGGGCATCAACGAG 1
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Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Beck, J.T. and Perry, C.V.
Detection of the Monilula species using polymerase chain reaction
Patent: JP 2002537823-A 3 12-NOV-2002;
                                                                                                                                                                                                                                              0.8%; Score 14.2; DB 1; Length 20;
larity 84.2%; Pred. No. 5.4e+02;
Conservative 0; Mismatches 3; Indels
                                                   organism='Artificial Sequence'
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14.2%; Pred. No. 5.4e+02;
ve 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
Location/Qualifiers
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BD243830.1 GI:33053600
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SM synthetic construct
Trian sequences.

artificial sequences.

Salceda,S., Recipon,H. and Cafferkey,R.
Method of diagnosis, observation, staging, imaging and treatment of prostatic cancer.

In Diagnosis, observation, staging, imaging and treatment of prostatic cancer.

AL Patent: JP 2002527758-A 27 27-AUG-2002;
DIADEXUS INC
OS Artificial Sequence
PN JP 2002227758-A/27
PD 27-AUG-2002
PP 19-OCT-1999 JP 2000576884
PR 19-OCT-1998 US 60/104737
PI SUSANA SALCEDA,HERVE RECIPON, ROBERT CAFFERKEY PC
GOIN33/74, AGINS9/395, AGINS9/395, AGINS9/00, AGINS5/00, AGINS3/00, PC
                                                                                                         PAT 17-JUL-2003
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PN JP 2002509702-A/4
PD 02-APR-2002
PP 16-APR-1999 JP 2000537071
PR 16-MAR-1998 US 09/042600
PI ANTOINETTE E MARSH, PATRICIA A CONRAD, BRADD C BARR PC
C12N15/09, A61K39/193, A61P31/12, C07K14/44, C07K16/20, C12N1/10, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12Q1/68,G01N33/569,G01N33/577,C12N15/00
PCR primer for ITS 1 sequence derived from bovine Neospora Location/Qualifiers
                                                                                                                                                                                                                                                                                                                artificial sequences.

1 (bases 1 to 20)
Marsh,A.E., Conrad,P.A. and Barr,B.C.
Strains isolated from equine Neospora species and utilization
Patent: JP 2002509702-A 4 02-APR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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                                                                                                      BD225297 20 bp DNA linear PAT 17-JUS Strains isolated from equine Neospora species and utilization
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llarity 84.2%; Pred. No. 5.4e+02;
Conservative 0; Mismatches 3; Indels
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    /organism="synthetic construct"

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/db_xref="taxon:32630"
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JP 2002527758-A/27.
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Novel allelic variants in the factor vii gene
Patent: WO 2004011675-A 36 05-FEB-2004;
Fundacio privadainstitut de recerca de l'hospital de la santa
creusant pau (ES)
Location/Qualifiers
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Hermansen, A., Klemsdal, S., Naerstad, R., Wanner, L. and Lund, G.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
     Pred. No. 5.4e+02;

    ...20
    forganism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"

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Patent: WO 2004040017-A 30 13-MAY-2004;
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Sequence 36 from Patent WO2004011675.
CQ772768.1 GI:45126401
84.2%; Pred. ....+ive 0; Mismatches
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Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

Ta (Dassa 1 to 2)

Medal, P.A.B., Cohen, M., Colpitts, T.L., Friedman, P.N., Gordon, J., Granados, E.N., Hodges, S.C., Klass, M.R., Kratochvil, J.D.,

Russell, J.C. and strouge, S.D.

Ragents and methods useful for detecting diseases of the breast

ABBOTT LABORATORIES

OS Homo sapiens (human)

PN JP 2002540761-A.20

PP 21-JAN-1999 US 09/224716

PP 21-JAN-1999 US 09/224716

PI PATRICIA A BILLING MEDEL, MAURICE COHEN, TRACEY I. COLPITTS, PAULA
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Reagents and methods useful for detecting diseases of the breast.
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C12N15/00,C12N5/00
Reagents and methods useful for detecting diseases of the
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                   Artificial Sequence
JP 2002537823-A/3
12-NOV-2002
28-FEB-2000 JP 2000602812
01-MAR-1999 US 09/258967
UJAMES JOSEPH BECK, CHRISTY VIOLET PERRY
C12N15/09, C1201/68, C12N15/00
Description of Artificial Sequence: oligonucleotide FH
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/organism="synthetic construct"
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Patent: WO 2004054365-A 4 01-JUL-2004;
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Patent: WO 2004054355-A 3 01-JUL-2004;
A.M.C. Chemical S.L. (E3)
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   PAT 24-MAY-2004
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  CQ813045 20 bp DNA
Sequence 31 from Patent W02004040017.
CQ813045 GI:47602362
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Sequence 3 from Patent WO2004054365.
CQ830763
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20 bp DNA linear PAT 29-SEP-1997 PCR primer for detecting Mycobacterium avium and Mycobacterium intracellulare.
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Mukaide,M. and Hikrichi,K.
OLIGONUCLEOTIDE, DIAGNOSTIC REAGENT FOR HEPATITIS C COMPRISING THE
SAME AND METHOD FOR DIAGNOSTIG HEPATITIS C USING THE SAME
PATENT: JP 1995322881-A 5 12-DEC-1995;
S R L:KK
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E10397
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 3;
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WUKAIDE MASAKAZU, HIKICHI KAZUWASA
CIZNIS/09,CIZQ1/68,GOIN33/50;
strandedness: Single,
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                                                                                                                                                                                                                            19 CTGCGTTCTTCATCGATGC 1
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unidentified
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unclassified.
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Syntheric construct
syntheric construct
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artificial sequences.

Takami, S., Kinoshita, S., Tada, S., and Salto, H.
Method for detecting abnormality in IRR-1 gene
AL Patent: UP 200136973-A 3 22-MAY-2001;
OTSUKA PHARMACEUT CO.LTD
PN UP 200136973-A/3
PD 22-MAY-2001
PF 16-NOV-1999 UP 1999324975
PI SATOSH TAKAMI, SHIGHTOSH KINOSHITA, SHINICHIRO TADA, HIDETSUGU
PC C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00 CC IRF-1
RFLP F primer
Location/Qualifiers.
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Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes and methods for detecting Candida DNA cells in
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Method for detecting abnormality in IRF-1 gene.
E43716
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    .coganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Location/Qualifiers
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/organism="unknown"
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OC Artificial sequences.
PN JP 199605698-A/1
PD 05-MAR-1996
PF 18-AUG-1994 JP 1994215248
PF 18-AUG-1994 JP 1994215248
PF NISHIMORI TAKASHI, EGUCHI MASASHI, TANAKA SEI PC C1201/68, C1201/69, C2 strandedness: Single;
CC strandedness: Single;
CC typology: Linear;
CC typothetical: No;
FH Key Location/Qualifiers
FT source /organism='Artificial sequences'.
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
1 (bases 1 to 20)
Mishimori,T., Equchi,M. and Tanaka,S.
Mishimori,T., Equchi,M. and Tanaka,S.
Mishimori,T., Equchi,M. and Tanaka,S.
Mishori, 199605698-A 105-MAR-1996;
NORIN SUISANSYO KACHIKU EISEI SHIKENJO
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C12N15/09,C12Q1/68,C12N15/00
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ON Japanese citrus viroid 2 (JCVd2) gene.
R36222
R36222.1 GI:18626434
JP 2000166567-A/6.
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/organism="synthetic construct"
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/db_xref="taxon:32644"
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Unclassified.

Unclassified.

A Anderson,K., Draper,K. and Baker,B.

Algonuclectides for modulating the effects of cytomegalovirus infections

VAL Patent: US 5442049-A 30 15-AUG-1995;

ES

Location/Qualifiers

ource

/organism="unknown"
/mol_type="unassigned DNA"
                                                                  1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes and methods for detecting Candida DNA cells in blood
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Sequence 339 from patent US 5582979.
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                                                                                                                                                                                      /mol_type="unassigned DNA"
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                                                                                                                                 Patent: US 5426027-A 4 20-JUN-1995;
Location/Qualifiers
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I31427.1 GI:1822218
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I12484.1 GI:909868
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1 (bases 1 to 20)
Weber, J.L.
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                                                                Unclassified.
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                                                                                                                                                                                                                                                                                                               Unclassified.
Unclass 1 to 20)
Ligon, J.M. and Beck, J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 558528-A 39 17-DEC-1996;
Location/Qualifiers
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1 (bases 1 to 20)

1 igon,J.M. and Beck,J.J.

Detection of fungal pathogens using the polymerase chain reaction
Patent: US 558528-A 40 17-DEC-1996;

Location/Qualifiers
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ve 0; Mismatches 3; Indels
0.8%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
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Sequence 40 from patent US 5585238.
132096.1 GI:1822887
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/wol_type="unassigned DNA"
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Sequence 39 from patent US 5585238.
132095 132095.1 GI:1822886
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 2 from patent US 5631132.
143103.
143103.1 GI:2468347
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Unknown.
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Unclair acid probes and methods for detecting Candida krusei cells in blood
Eatent: US 5635353-A 4 03-VUN-1997;
Uccation/Qualifiers
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Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid sequences and methods for detecting candida tropicalis in blood
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Location/Qualifiers
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Sequence 4 from patent US 5635353.
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Sequence 2 from patent US 5645992.
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1 (bases 1 to 20)

1 (bases 1 to 20)

Loct,T.J., Morrison,C.J., Reiss,B., Lasker,B. and Zakroff,S.
Loct,T.J., Morrison,C.J., Reiss,B., Lasker,B. and Zakroff,S.

Nucleic acid probes and methods for detecting Candida krusei cells in blood
Patent: US 5635353.A 2 03-JUN-1997;

Location/Qualifiers

1. 20

/organism="unknown"
/mol_type="unassigned DNA"
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                             1 (Dassellto 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes and methods for detecting Candida glabrata DNA in blood
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1 (bases 1 to 20)

Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.

Nucleic acid probes and methods for detecting Candida glabrata DNA in blood
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84.2%; Pred. No. 5.4e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Location/Qualifiers
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Sequence 4 from patent US 5631132.
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143105.1 GI:2468349
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Sequence 2 from patent US 5635353.
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I44634.1 GI:2469347
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                       1 (bases 1 to 20)

Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.

Nucleic acid sequences and methods for detecting candida tropicalis
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Unclassified.
1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes for candida parapsilosis and methods for detecting candidasis in blood
Patent: US 5688644-A 2 18-NOV-1997;
Location/Qualifiers
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1 (bases 1 to 20)

Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes for candida parapsilosis and methods for detecting candidiasis in blood
Patent: US 5688644-A 4 18-NOV-1997;

Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
Live 0; Mismatches 3; Indels
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/organism="unknown"
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                                                             in blood
Patent: US 5645992-A 4 08-JUL-1997;
Location/Qualifiers
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Sequence 2 from patent US 5688644.
174347
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Sequence 4 from patent US 5688644.
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Best Local Similarity
          Unclassified.
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 20)
Beck, J.Joseph.
Beck, J.Joseph.
Detection of wheat and barley fungal pathogens using the polymerase chain reaction of wheat.
Detection of wheat and barley fungal pathogens Location/Qualifiers
Location/Qualifiers
                                                                                                                                                                                                                                             1 (bases 1 to 20)
Beck,J.Joseph.
Detection of wheat and barley fungal pathogens using the polymerase
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
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Patent: US 6358680-A 2 19-MAR-2002;
Location/Qualiflers
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Sequence 2 from patent US 6358680.
AR200613
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AR200614
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Best Local Similarity 84.2<sup>3</sup>
Matches 16; Conservative
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Unknown.
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AR200613
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PAT 20-DEC-2002
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Unclassified.
1 (bases 1 to 20)
Monia, B.P., Gaarde, W.A., Freier, S.M. and Wancewicz, E. Antisense modulation of TERT expression
Patent: US 6492171-A 89 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                        0.8%; Score 14.2; DB 1; Length 20; ilarity 84.2%; Pred. No. 5.4e+02; Conservative 0; Mismatches 3; Indels
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Beck, J.J. and Barnett, C.J.
PCR-based detection of Rhizoctonia cerealis
Patent: US 6485007-A 3 26-NOV-2002;
Location/Qualifiers
                                                                                                                                                                                        1 (bases 1 to 20)
Beck,J.J. and Barnett,C.J.
PCR-based detection of Rhizoctomia cerealis
Patent: US 6485907-A 2 26-NOV-2002,
Location/Qualifiers
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Sequence 89 from patent US 6492171.
AR266082
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Sequence 3 from patent US 6485907.
AR256572 AR256572.1 GI:27306175
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Sequence 2 from patent US 6485907.
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/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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AR256571.1 GI:27306174
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AR266082/c
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Antisense modulation of E2F transcription factor 2 expression Patent: US 644464-A 50 03-SEP-2002;
Location/Qualifiers
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Bennett, C.F. and Cowsert, L.M.
Antisense modulation of calreticulin expression
Patent: US 6426220-A 66 30-UUL-2002;
Location/Qualifiers
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Sequence 50 from patent US 6444464.
AR225900.1 GI:27264054
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                                                                                                                                                                                                                                                                                                                     Sequence 66 from patent US 6426220.
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/wol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR294848.1 GI:31682132

Unknown.

SOURCE ORGANISM

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AUTHORS REFERENCE

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DEFINITION ACCESSION VERSION KEYWORDS

RESULT 514 AR294848

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PAT 12-JUN-2003
                                                                                                            Unclassified.

Unclassified.

(bases 1 to 20)

Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6552294-A 5779 06-MAY-2003;

Location/Qualifiers
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1 (Dases 1 to 20)
Mezes,P.S., Gourlie,B., Rixon,M.W. and Anderson,W.H.K.
Probing method for identifying antibodies specific for selected antigens
Patent: US 6641999-A 24 04-NOV-2003;
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Unclassified.
1 (bases 1 to 20)
0zaki,A., Mori,H., Shibasaki,T., Ando,K. and Chiba,S.
Process for producing trans-4-hydroxy-L-proline
Patent: US 6617140-A 7 09-SEP-2003;
Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 3;
 AR315242 20 bp DNA Sequence 5779 from patent US 6559294. AR315242
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Sequence 24 from patent US 6641999.
AR428276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7 from patent US 6617140.
                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
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Unclassified.
Un (bases 1 to 20)
RS Cohen,D., Chumakov,I. and Blumenfeld,M.
Blallelic markers for use in constructing a high density disequilibrium map of the human genome
NAL Patent: US 6537751-A 6583 25-WAR-2003;
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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Outlier 10: 3. Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 5.46+02; Matches 16; Conservative 0; Mismatches 3; Indels
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Antisense modulation of raidd expression
Patent: US 6551826-A 113 22-APR-2003;
Location/Qualifiers
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6537751.
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Sequence 113 from patent US 6551826.
                                                   /mol_type="genomic DNA"
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Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
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AR307902.1 GI:31698658

AR307902

DEFINITION ACCESSION VERSION KEYWORDS

RESULT 515 48307902

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Unknown. Unclassified. 1 (bases 1 to 20)

Unknown.

ORGANISM

RESULT 516 AR315242/c

Query Match 0.8 Best Local Similarity 84.2 Matches 16; Conservative

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PAT 07-SEP-2000
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                                                      Unclassified.
Unclassified.
1 (bases 1 to 20)
Barnett, C.J., Beck, J.J. and Perry, C.V.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 6645720-A 3 11-NOV-2003;
Location/Qualifiers
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Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Vider, B. Z. A method for identifying and characterizing cells and tissues Patent: WO 9934016-A I 08-JUL-1999;
GENEVA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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34.2%; Pred. No. 5.4e+02;
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Best Local Similarity 84.2%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 3;
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1 (bases 1 to 20)

1 (bases 1 to 20)

Bannett, C.F. and Watt, A.T.

Antisense inhibition of src-c expression

Patent: US 6656732-A 147 02-DEC-2003;

Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 1 from Patent W09934016.
AX020501 GI:10044191
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/mol_type="genomic DNA"
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Barnett, C. J., Back, J. J. and Perry, C.V.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 6645720-A 2 11-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 20)
Mezes, P.S., Gourlie, B., Rixon, M.W. and Anderson, W.H.K.
Probing method for identifying antibodies specific for selected
antigens
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Pred. No. 5.4e+02;
0; Mismatches 3; Indels
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Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="genomic DNA"
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Seguence 44 from patent US 6641999.
AR428293
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Seguence 3 from patent US 6645720.
AR429571
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/organism="unknown"
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   /mol_type="genomic DNA"
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Sequence 2 from patent US
AR429570
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Sequence 3 from Patent WO0151653.
AX195371
20 bp
Sequence 2 from Patent W00151653.
AX195370
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 233 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
                                        Gaps
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A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 6 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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   Score 14.2; DB 1; Length 20;
Pred. No. 5.4e+02;
0; Mismatches 3; Indels
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Sequence 6 from Patent W09934016.
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VERSION SOURCE

LOCUS

AX195370

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid
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Pcr-based detection of Rhizoctonia cerealis
Patent: WO 0151653-A 3 19-JUL-2001;
Syngenta Participations AG (CH)
Location/Qualifiers
Beck,J.J. and Barnett,C.J.
Por-based detection of Rhizoctonia cerealis
Patent: WO 0151653-A 2 19-JUL-2001;
Syngenta Participations AG (CH)
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3;
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Pred. No. 5.4e+02;
0; Mismatches 3;
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/db_xref="taxon:32630"
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PAT 01-MAR-2002
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Detection of mycosphaerella using the polymerase chain reaction
Patent: WO 0196600-A 2 2-O.DEC-2001;
Syngenta Patricipations AG (CH)
Location/Qualifiers
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Detection of mycosphaerella using the polymerase chain reaction
Patent: WO 1996600-A 3 2-O.DEC-2001;
Syngenta Participations AG (CH)
Location/Qualifiers
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14.2%; Pred. No. 5.4e+02;
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34.2%; Pred. No. 5.4e+02;
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0; Mismatches 3; Indels
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Sequence 3 from Patent W00196600.
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Sequence 2 from Patent W00196600.
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Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 5007 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
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Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 7687 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
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sequence differences using ligase detection reaction Patent: WO 0179548-A 4868 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US) Location/Qualifiers
                                                                                                                                                                            Score 14.2; DB 1; Length 20;
Pred. No. 5.4e+02;
0; Mismatches 3; Indels
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/noTe="Hypothetical Probe Sequence"
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AX293245
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Sequence 7687 from Patent WO0179548.
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PAT 24-FEB-2003

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/note="Description of Artificial Sequence: Ag3002 Reverse"
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Aspergillus terreus
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Eurotiomycetes;
Eukaryota; Fungi; Ascomycota; mitosporic Trichocomaceae; Aspergillus.
Beck,J.J., Barnett,C.J. and Perry,C.V.
Detection of fungal pathogens using the polymerase chain reaction
Patent: Wo 02077-293-A 3 03-0CT-2002;
Syngenta Participations AG (CH)
Location/Qualifiers
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Process for the production of pravastatin and lovastatin
Patent: EP 1266967-A 1 18-DEC-2002;
GNOSIS SR. (IT)
                                                                                                                                                                                       0.8%; Score 14.2; DB 1; Length 20; 84.2%; Pred. No. 5.4e+02;
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Pred. No. 5.4e+02;
0; Mismatches 3;
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/db xref="taxon:32630"
                                                                                                      /organism="synthetic construct'
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 1149 from Patent WC02068649.
AX322809
AX322809.1 GI:40215806
                                                                                                                                                                                                                        0; Mismatches
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Location/Qualifiers
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Matches 16; Conserv
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Best Local Similarity
Matches 16; Conserv
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AX642908/c
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                        PAT 15-JUL-2002
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                                                                                                                           Aegilops tauschii
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Aegilops.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Beck,J.J., Barnett,C.J. and Perry,C.V.
Detection of fungal pathogens using the polymerase chain reaction
Patent: WO 02077293-A 2 03-OCT-2002;
Syngenta Participations AG (CH)
Location/Qualifiers
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Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 487 26-JUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
Location/Qualifiers
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Pred. No. 5.4e+02;
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84.2%; Pred. No. 5.4e+02;

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    ^organism="synthetic construct"
    mol_type="unassigned DNA"
    /db_xref="taxon:32630"

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                                                                                                                                                                                                                                                                                                        /organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"
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                          20 bp | Sequence 487 from Patent EP1217079.
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Sequence 2 from Patent W002077293.
AX592668.1 GI:27950653
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Sequence 3 from Patent WO02077293.
AX592669
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Morison, K.J., Raith, H., Holloway, B. and Shin, J.H.
Methods and compositions for the detection of Candida spp
Patent: JP 2001500380-A 2 16-JAN-2001, CAN-2001, THE GOVERNMENT OF THE UNITED STATES OMOKO KAISHO, SECRETARY OF THE
DEPARTMENT OF HEAL DISEASE CONTROL AND PREVENTION TECHNOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DN JP 2001500380-A/2

PN JP 2001500380-A/2

PD 16-JAN-2001

PP 15-SEP-1996 US 60/026387

PR 16-SEP-1996 US 60/026387

PI KRISTIN J MORISON, HEROLD RAITH, BRYAN HOLLOWAY, JOHN HI SHIN PC C12N15/09, C12Q1/68, G01N33/566, G01N33/569, C12N15/00 CC
                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Methods and compositions for the detection of Candida spp. BD003394.1 GI:18631355
JP 2001500380-A/2.
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Baker, B.F., Freier, S.M. and Dobie, K.W.
Antisense modulation of il-1 receptor-associated kinase-1
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/organism='Unidentified'
Location/Qualifiers
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3;
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       DNA
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Patent: WO 03104458-A 128 18-DEC-2003;
ISIS PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 128 from Patent WO03104458.
AX962872
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                                                                                                                      Homo sapiens
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Antisense modulation of il-1 receptor-associated kinase-1
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                     3; Indels
                                                                                                                                                                                             linear
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Antisense Oligonucleotide"
   Pred. No. 5.4e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
lob_xref="taxon:32630"
/note="PCR Primer"
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                                                                                                                                                                                             DNA
                                                                                                                                                                                                                                                                                                                                                                              Vaccines
Patent: WO 03099193-A 22 04-DEC-2003;
GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Patent: WO 03104458-A 62 18-DEC-2003;
ISIS PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AX962806 20 bp I
Sequence 62 from Patent WO03104458.
AX962806
                                                                                                                                                                                         AX959696 20 bp
Sequence 22 from Patent WO03099193.
AX959696
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                                                           506 AGGCTACCTGGAGAGCT 524
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                                                                                      AGGACCATCTGGAGAAGCT
 1 Similarity 84.2%;
16; Conservative
                                                                                                                                                                                                                                                                                                         synthetic construct artificial sequences.
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latches 16; Conserv
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synthetic construct
Synthetic construct
synthetic construct
artificial sequences.

It (bases 1 to 20)
S Sawai, H. and Nakamura, T.
Method for detecting Pseudomonas Dacteria
A patent: JP 2001190279-A 5 17-JUL-2001;
MITSUBISH HEAVY IND LTD
OS Artificial sequence
PD 17-JUL-2001
PP 13-JAN-2000
PF 13-JAN-2000

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Method for detecting Pseudomonas bacteria
MITSUBISHI HEAVY IND LTD
OS Artificial sequence
PN JP 2001190279-A/6
D 17-JUL-2001
PF 13-JAN-2000 JP 20000004160
PF 13-JAN-2000 JP 2005004160
PF 13-JAN-2000 JP 2005004160
PT HIDEKI SAWAI_TSUVOSHI NAKAMURA
PC C12N15/09,C12Q1/04,C12Q1/64/(C12N15/09,C12R1:40),(C12Q1/04,
                                                                                                                           Gaps
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
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BD011680
                                                                     Score 14.2; DB 1;
Pred. No. 5.4e+02;
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    .20
    forganism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="teaxon:22630"

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C12N15/00, (C12N15/00, C12R1:40)
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Sawai, H. and Nakamura, T.
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JP 2001190279-A/6.
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illarity 84.2%;
Conservative
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Best Local Similarity 84.23
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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BD011680/c
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ORGANISM
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BD011679/c
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VERSION
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TITLE
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TITLE
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KEYWORDS
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                                                                                                                                                                                                                                          unclassified.

unclassified.

S Morison, K.J., Raith, H., Holloway, B. and Shin, J.H.

Methods and compositions for the detection of Candida spp
Methods and compositions for the detection of Candida spp
Batent: JP 2001500380-A 4 16-JAN-2201;

THE GOVERNENT OF THE UNITED STATES OMOKO KAISHO, SECRETARY OF THE
DEPARTMENT OF HEAL DISEASE CONTROL AND PREVENTION TECHNOLOGY
TRANSFER OFFICE
OS Unidentified
PN JP 2001500380-A/4
PD 16-JAN-2001
PR 15-EPE-1997 JP 1998513982
PR 16-SEP-1996 US 60/026387
PT KRISTIN J MORISON,HEROLD RAITH,BRYAN HOLLOWAY, JOHN HI SHIN PC
CILVINS/09,CIZON/68,GOIN33/566,GOIN33/569,CIZNIS/00 CC
Strandedness: Single:
C Topology: Linear;
FH Key
FT source

1. 20

FT source

//crganism='Unidentified'.
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Synthetic construct

synthetic construct

artificial sequences.

I (bases 1 to 20)

Sawai, H. and Nakamura, T.

Method for detecting Pseudomonas bacteria

National sequence

A patent: JP 201190279-A 4 17-JUL-2001;

MITSUBLIGHI HRAVY IND ITD

OS Artificial sequence

PN 17--TUL-2001

PF 11--JAN-2000 JP 2000004160

PF 11--JAN-2000 JP 2000004160

PF 11--JAN-2000 JP 2000004160

PF 11--JAN-2000 JP 2000004160

PF CI2NIS/09, CI2Q1/04, CI2Q1/68// (CI2NIS/09, CI2RI:40), (CI2Q1/04, PC CI2NIS/00, CI2NIS/00, CI2RI:40)

PC CI2NIS/00, CI2NIS/00, CI2RI:40)

CC primer

FH Key FT Location/Qualifiers.
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                                                                        PAT 31-JAN-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                           DDUUJ396 20 bp DNA linear PAT 31
Methods and compositions for the detection of Candida spp.
BD003396
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84.2%; Pred. No. 5.4e+02;
.ive 0; Mismatches 3; Indels
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    .20
    /organism='Unidentified'

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BD011678

    .20
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001190279-A/4.
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DEFINITION
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                                                                                                                                                VERSION
KEYWORDS
SOURCE
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                         RESULT 542
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DOVARTIS AG

OS Unidentified

OS Unidentified

OS Unidentified

OS Unidentified

DE JOUGISESSES-A/3

PP 30-JUL-1998 JP 2000506366

PP 30-JUL-1998 JP 2000506366

PP 40G-1997 US 08/905314

PC C12Q1/68,C12N15/09/(C12N15/09,C12R1:77),C12N15/00,(C12N15/00,C12R1:77)

PC C12R1:77)

CC Standedness: Single;

CC Topology: Linear;

CC Gesc = 'primer ITS3'

FH Key Location/Qualifiers

FT source //organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OS ALC.

PN JP 200151490.

PD 18-SEP-2001

PD 18-SEP-2001

PF 07-AUG-1998 JP 2000509875

PR 13-AUG-1997 US 08/910629

PI ROBERT MCARY.NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOLL.

NERO, WILLIAM A GARADE

PC C1201/68, A61K31/7088, A61K48/00, A61P35/00, C12N15/09, C12P19/34,

PC C12N15/00

Antisense sequence

Location/Qualifiers

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Antisence oligonucleotide composition and modulation method of JNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   artificial sequences.

1 (bases 1 to 20)
Mckay,R., Dean,N., Monia,B.P., Scott,P., Nero and Gaarde,W.A.
Antisence oligonucleotide composition and modulation method of JNK
                                                                                       Examination of fungal pathogen of wheat utilizing polymerase chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent: JP 2001514905-A 121 18-SEP-2001;
ISIS PHARMACTUTICALS INC
OS Artificial Sequence
NO TO 2001514905-A/121
PD 18-SEP-2001
PF 07-ANG-1998 UP 2000509875
PR 13-AUG-1997 US 08/910629
PR 13-AUG-1997 US 08/910629
PI ROBERT MCKAY,NICHOLAS DEAN,BRETT P MONIA,PAMELA SCOTT PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 14.2; DB 1; Length 20; larity 84.2%; Pred. No. 5.4e+02; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                        Patent: JP 2001512695-A 3 28-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                            1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD074697.1 GI:22620300
UP 2001514905-A/121.
synthetic construct
synthetic construct
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                                                      (bases 1 to 20)
unidentified
unidentified
unclassified.
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Matches 16; Conserv
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                                                                         Beck, J.J
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BD074697/c
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04-AUG-1997 US 08/905314
JAMES JOSEF BECK
C1201/68, C12N15/39//(C12N15/09, C12R1:77), C12N15/00, (C12N15/00, C12R1:77)
Strandedness: Single,
Topology: Linear;
/desc = 'primer ITS2'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \operatorname{Beck}_{t,J.J.}. Examination of fungal pathogen of wheat utilizing polymerase chain
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84.2%; Pred. No. 5.4e+02;
live 0; Mismatches 3; Indels
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/organism='Unidentified'.
Location/Qualifiers
                                                   Location/Qualifiers.

    .20
    ^2ranism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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NOVARTIS AG
S Unidentified
PN JP 2001512695-A/2
PD 28-AUG-2001
C12N1:40),
C12N15/00, (C12N15/00, C12R1:40)
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001512695-A/2.
unidentified
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BD074170.1 GI:22619773
JP 2001512695-A/3.
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Key
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174169
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BD137888 20 bp DNA linear PAT 18-SEP-2002 Detection of wheat and barley fungal pathogens using the polymerase chain reaction.
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20-NOV-2001

7 12-MAR-2001 JP 2001068285

1 EIICHI SOEDA

2 CI2N15/09, CI2N15/09, C12N1/00, C12Q1/68, G01N33/53, G01N33/566, C12N15/00,
                                                                                   Description of Artificial Sequence:Synthetic DNA FH Location/Qualifiers source 1...20
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A01KG7/027, A61K45/00, A61P9/10, A61P3/06, A61P3/10 CC
Synthetic TGP1 Primer for Cap Site Sequencing. FH
Location/Qualifiers
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Patent: WO 0159107-A 14 16-AUG-2001;
FUSO PHARMACEUTICAL INDUSTRIES LTD,NOBUTAKA WAKAMIYA
ON Artificial Sequence
PN WO 0159107-A/14
PP 16-AUG-2001
PP 08-FEB-2001 WO 2001JP000874
PR 14-FEB-2000 JP 00P 35155,10-OCT-2000 JP 00P
                                                                                                                                                                                                                                    0.8%; Score 14.2; DB 1; Length 20;
44.2%; Pred. No. 5.4e+02;
ve 0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0159107-A/14.
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Wakamiya,N.
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                                                                                                                                                                                                                                                 ilarity 84.2%;
Conservative
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PD 16-AUG-2001
PF 08-FEB-2001 WC
PR 14-FEB-2000 JF
NOBUTAKA WAKAMIYA
PC C12N15/12, COTK
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Best Local Similarity
Matches 16; Conserv
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PC A01K67
of a Synthe
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LOCUS
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                                                                                                                                                                                                                                                                                                           Lott,T.J., Elie,C.M., Morrison,C.J. and Reiss,E.
Nucleic acid probes for detecting candida species
Patent: JP 2001512035-A 14 21-AUG-2001,
THE GOVERNMENT OF THE UNITED STATED AFMERICA REPRESENTED BY THE
SECRETARY OF THE DEPARTMENT OF HEAL NEW ENGLAND MEDICAL CENTER
HOSPITALS INC DISEASE CONTROL AND PREVENTION OFFICE OF TECHNOLOGY
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                                               Gaps
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Patent: JP 2001321190-A 1451 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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             Score 14.2; DB 1; Length 20;
Pred. No. 5.4e+02;
0; Mismatches 3; Indels
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84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                           BD080248 20 bp DNA linear Nucleic acid probes for detecting candida species.
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BD089207
BD089207.1 GI:22634817
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/organism="unidentified"
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                                                                        1424 GGATCTCCGCAGAGGATGC 1442
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JP 2001321190-A/1451
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JP 2001512035-A/14.
               0.8%;
                                                                                                       GGATCTCCGTAGACGAAGC
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1 (bases 1 to 20)
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                                               16; Conservative
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Best Local Similarity
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unidentified
                                                                                                                                                                                                                                                                    unidentified unclassified.
                               Best Local Similarity
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                  Query Match
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BD080248/c
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VERSION
KEYWORDS
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TITLE
JOURNAL
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JOURNAL
                                             Matches
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KEYWORDS
SOURCE
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4D 2002095479-A/12
02-APR-2002
22-SEP-2000 JP 2000287928
YASUHIRO FUJINO
C12N15/09, A61K31/7088, A61K45/00, A61P35/00, A61P43/00, C12N15/99,
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Synthetic construct DNA, forward primer for human STS sts-R140F15R
                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 20)
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                               Gaps
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                            linear
                               Indels
     84.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 3;
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Rujino, Y.

Aurora 2 kinase inhibitor
Patent: UP 2002095479-A 12 02-APR-2002;
MITSUBISHI TOKYO PHARMACEUTICALS INC
OS Homo sapiens (human)
PN UP 2002095479-A/12
PP 22-SEP-2000 UP 2000287928
PI YASUHIRO FUJINO
PC C12N15/09, A61K31/7088, A61K45/00, A61K4
PC C12N15/09, A61K31/7088, A61K45/00, A61K4
PC C12N15/09
PC C12N15/09
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PC C12N15/09
PC T12N15/09
P
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Aurora 2 kinase inhibitor
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Genomics 74 (1), 55-70 (2001)
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Aurora 2 kinase inhibitor.
BD143082
BD143082.1 GI:27848840
JP 2002095479-A/12.
Homo sapiens (human)
                                                                            1549 CITCGGCTTTCGTCGATGC 1567
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     Best Local Similarity 84.2
Matches 16; Conservative
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Detection of wheat and barley fungal pathogens using the polymerase
chain reaction.
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Patent: JP 2002504347-A 3 12-FEB-2002;

NOVARTIS AG

OS Artificial Sequence

PN JP 2002504347-A/3

PD 12-FEB-2002

PF 18-FEB-1999 UP 2000532549

PR 20-FEB-1999 US 09/026601

PI JAMES JOSEPH BECK

PC C12N15/09, C12Q1/68, C12N15/00

CC Description of Artificial Sequence: primer ITS3 FH K

Location/Qualifiers
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OS Artificial Sequence
PN JP 2002504347-A/2
PD 12-FEB-2002
PP 18-FEB-1999 JP 2000532549
PR 20-FEB-1999 US 09/026601
PC 12AMES JOSEPH BECK
C 12ANIS/09/12Q1/68,C12NIS/00
CC Description of Artificial Sequence: primer ITS2 FH
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
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Patent: JP 2002504347-A 2 12-FEB-2002;
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/noce="forward primer for human STS sts-R140F15R at 1p36
sts-R140F15R obtained from clones B70M12, B20B12, B20P14,
B90E9, B205J15, Human BAC library RPCI-11"
Horii,A.

Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (B-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8047)

Location/Qualifiers
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Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 54 06-OCT-1998;
Location/Qualifiers
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    .20
    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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    forganism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"

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Location/Qualifiers
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AR045261
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/organism="unknown"
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Unclassified.
1 (bases 1 to 21)
Palese, P. and Garcia-Sastre, A.
Pecombinant negative strand RNA virus expression systems and
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Enhancing detection polymerase chain reaction assays by RNA transcription and immunodetection of RNA:DNA hybrids Patent: US 5827661-A 1 27-0CT-1998;
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
Score 14.2; DB 1;
Pred. No. 5.9e+02;
0; Mismatches 3;
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84.2%; Pred. No. 5.9e+02;
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AR050288.1 GI:5973013
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Sequence 1 from patent US 5854037.
ARG68627
ARG68627.1 GI:6000834
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Location/Qualifiers
                                                                                                                                                                   Sequence 1 from patent US 5820871.
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PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI SHENG-LEB, THOG-HSUING LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN PC C12N15/09, C12N1
CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-
HAENG LEE,
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PN JP 2002537270-A/37
PD 05-NOV-2002
PN 19-FEB-2000 JP 2000599415
PF 17-FEB-2000 JP 2000599415
PR 19-FEB-1999 US 09/444794 PI
PAUL O SHEPPARD, GERALD W LASSER, PAUL D BISHOP PC
AGIX38/00,AGIP7/04,AGIP9/08,AGIP9/10,AGIP17/02,AGIP43/00// PC
AGIX39/395,AGIX45/00,CO7K14/47,CI2N15/09,AGIK37/02,CI2N15/00
CC 0ligonucleotide ZC18687
FT Source Location/Qualifiers
FT Source /organism='Artificial Sequence'.
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/organism='Artificial Sequence'.
Location/Qualifiers
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Inhibitors for use in hemostasis and immune function.
BD268744
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1 (bases 1 to 21)
Sheppard, P.O. Lasser, G.W. and Bishop, P.D.
Inhibitors for use in hemostasis and immune function
Patent: JP 2002537270-A 37 05-NOV-2002;
ZYMOZENETICS INC
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/organism='Artificial Sequence'
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84.2%; Pred. No. 5.9e+02;
ve 0; Mismatches 3;

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/db_xref="taxon:32630"

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JP 2002537270-A/37.
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Best Local Similarity 84.2%;
Matches 16; Conservative
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CQ764885/c
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KEYWORDS
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TITLE
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Method and detector for identifying subtypes of human papiloma
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1 (bases 1 to 21)

Ling, C., Lin, F., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,

Huang, C., Lin, F., Shi, C., Yeh, C., Cao, Y. and Pan, C.

Method and detector for identifying subtypes of human papiloma RING CAR FOOD INDUSTRIAL CO LTD

Satent: JP 2002360271-A 649 17-DEC-2002;

N JP 2002360271-A/649

PN JP 2002360271-A/649

PP 28-NOW-20012

PR 90110785
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84.2%; Pred. No. 5.9e+02;
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84.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 3; Indels
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Palese, P. and Garcia-Sastre, A.
Recombinant negative strand RNA viruses
Patent: US 6001634-A 1 14-DEC-1999;
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1. 21
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                                                                                                                                                                                                                    Patent: US 5854037-A 1 29-DEC-1998;
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Sequence 1 from patent US 6001634.
AR094235 GI:10020980
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JP 2002360271-A/649.
synthetic construct
synthetic construct
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
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84.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 3;
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Sequence 54 from patent US 5646042.
152313.
152313.1 GI:2473514
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Sequence 1 from patent US 5718915.
188605
188605.1 GI:3408545
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Best Local Similarity 84.2*
Matches 16; Conservative
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188605
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 PAT 03-MAR-2004
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Erasmus Universiteit Rotterdam (NL); Van Dongen, Jacobus, Johannes, Maria (NL)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="bescription of Artificial Sequence: V delta
primer"
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 linear
                                                                                                                                           Sheppard, P.O., Lasser, G.W. and Bishop, P.D. Uses of inhibitors of hemostasis Patent: EP 1382345-A 41 21-JAN-2004; Zymogenetics Inc (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide ZC18687"
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CQ764885 21 bp
Sequence 41 from Patent BP1382345.
CQ764885
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Liu, W., Wu, L., Ford, R. and Be, X.
Calcineurin-like human phoshphoesterase
Patent: Wo 2004038026-A 115 06-MAY-2004;
Wyeth (US); Liu, Wei (US); Wu, Leeying (US); Ford, Roger (US); Be, Xiaobing (US)
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Unclassified.
1 (bases 1 to 21)
Virtanen, J. and Virtanen, S.
Antivizal liposome having coupled target-binding moiety and hydrolytic enzyme
Patent: US 5718915-A 1 17-FEB-1998;
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 54 08-JUL-1997;
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                                          1 (bases 1 to 21)
Sheppard, P.O.
Antibodies that bind an adipocyte-specific protein homolog
Patent: US 6518403-A 41 11-FEB-2003;
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequillbrium map of the human genome
Patent: US 637751-A 8100 25-MAR-2003;
Location/Qualifiers
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AS Sheppard, P.O., Lasser, G.W. and Bishop, P.D.
Inhibitors for use in hemostasis and immune function
Inhibitors for use in hemostasis and immune function functi
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Best Local Similarity 84.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 8100 from patent US 6537751.
AR296365 1 GI:31683649
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Sequence 41 from patent US 6544946.
AR304613.1 GI:31693776
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/mol_type="genomic DNA"
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Sheppard, P.O., Lasser, G.W. and Bishop, P.D.
Methods of promoting blood flow within the vasculature of a mammal
Patent: US 6448221-A 41 10-SEP-2002;
Location/Qualifiers
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Unlaresified.
1 (bases 1 to 21)
Guida,M. and Kurth,J.
Genotyping the human phenol sulforransferbase 2 gene STP2
Patent: US 6448003-A 108 10-SEP-2002;
Location/Qualifiers
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Sequence 41 from patent US 6448221.
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AR281404.1 GI:29717070
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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AR229141.1 GI:27268286
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 18 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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Single nucleotide polymorphisms in genes
Patent. WO 0118250-A 824 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, inc. (US)
                                                                                                                                                                                                      Score 14.2; DB 1; Length 21;
Pred. No. 5.9e+02;
0; Mismatches 3; Indels
                                                                                                                   Query Match

0.8%; Score 14.2; DB 1;
Best Local Similarity 76.2%; Pred. No. 5.9e+02;
Matches 16; Conservative 1; Mismatches 4;
            Presnell, S.R. and Taft, D.W.
Tryptase-like polypeptide ztrypl
Patent: WO 0112788-A 5 22-FEB-2001;
ZymoGenetics, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 824 from Patent WO0118250.
AX095646
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Sequence 18 from Patent WO0118250.
AX094840
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Location/Qualifiers
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Best Local Similarity 84.2
Matches 16; Conservative
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Allikmets, R., Anderson, K.L., Dean, M., Leppert, M., Lewis, R.A.,
Li, Y., Lugski, J.R., Nathans, J., Rattner, A., Shroyer, N.F., Singh, N.,
Smallwood, P. and Sun, H.
Nucleic acid and amino acid sequences for ATP-binding cassette
transporter and methods of screening for agents that modify
ATP-binding cassette transporter
Patent: US 6713300-A 72 30-MAR-2004;
Location/Qualifiers
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84.2%; Pred. No. 5.9e+02;
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Adipocyte-specific protein homologs
Patent: US 6566499-A 41 20-MAY-2003;
Location/Qualifiers
                                                                              Sequence 41 from patent US 6566499. AR337609
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AR490978
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Sequence 5 from Patent WO0112788.
AX082981
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                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
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21 GAAGTCCCTCTCACGTGTC 3
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Best Local Similarity 84.23
Matches 16; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1580 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Udp-glucose:aglycon-glucosyltransferase
Patent: WO 0140491-A 6 07-JJN-2001;
LJMINIS PTY. LIMITED (AU) ; ROYAL VETERINARY & AGRICULTURAL UNIVERSITY (DK)
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larity 84.2%; Pred. No. 5.9e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 5.9e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 1580 from Patent WO0118250.
AX096402
 1; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 6 from Patent W00140491.
AXI63857
AXI63857.1 GI:14544924
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Best Local Similarity 76.2
Matches 16; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1083 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Single nuclectide polymorphisms in genes
Patent: WO 0112550-A 1320 15-WAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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Pred. No. 5.9e+02;
1; Mismatches 4; Indels
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                                                                                Score 14.2; DB 1;
Pred. No. 5.9e+02;
1; Mismatches 4;
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Sequence 1320 from Patent W00118250.
AX096142
                                                                                                                                                                                                                                                                     21 bp D
WO0118250.
                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Sequence 1083 from Patent
AX095905
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PAT 27-NOV-2002

COUNTION

X201448

CCESSION

VERSION KEYWORDS SOURCE

ORGANISM

AUTHORS

RFERENCE

JOURNAL

TILE

FEATURES

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for the prediction of the risk potential for cancerous
diseases and inflammatory intestinal diseases and corresponding
Broenner,G., Ciossek,T., Dohrmann,C., Haeder,T. and Rothe,M. Adipose-related gene Patent: WO 0196371-A 45 20-DEC-2001; Develogen AG (DE)
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Pred. No. 5.9e+02;
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Medizinische Hochschule Hannover (DE)
Location/Qualifiers
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Sequence 56 from Patent WO03008640.
AX696157
                                                                                                                   /organism="synthetic const:
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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AX696157/c
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VERSION
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VERSION
KEYWORDS
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JOURNAL
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TITLE
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LOCUS
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             AUTHORS
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Hillan, K.J., Mareters, S.A., Pan, J., Pitti, R.M., Roy, M.A., Smith, V.,
Stone, D.M., Watanabe, C.K. and Wood, W.I.
Compositions and methods for the treatment of tumour
Patent: WO 0153486-A. 127 26-UUL-2001;
Genentech, Inc. (US)
Location/Qualifiers
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Patent: WO 0196371-A 44 20-DEC-2001;
DeveloGen AG (DE)
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84.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 3; Indels
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/mol type="unassigned DNA"
/morete="taxon:32630"
/noTe="Synthetic Oligonucleotide Probe."
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Organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                AX201448 21 bp
Sequence 127 from Patent WO0153486.
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Sequence 45 from Patent WO0196371.
AX370526
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Sequence 44 from Patent WO0196371.
AX370525
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synthetic construct
artificial sequences.
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Best Local Similarity
Matches 16; Conserv
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Best Local S
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AX370525/c
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DEFINITION

ACCESSION VERSION

KEYWORDS

SOURCE

Matches

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ORGANISM

TITLE JOURNAL

SATURES

AX370526 LCCUS

VERSION KEYWORDS

SCURCE

REFERENCE

AUTHORS

REFERENCE

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Gaps

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PAT 31-MAR-2003

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PAT 27-AUG-2002
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Yuzbasiyan-Gurkan, V. Cao, Y., Gurkan, M., Yuxun, W., Venta, P.J., Brewer, G.J. and Blanton, S.H.
Microsatelite markers for the canine genome
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3TS; PCR identification; microsatellite; sequence tagged site.
Canis familiaris (dog)
Canis familiaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A method of arraying genome clone
Patent: JP 200131190-A 301 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Pred. No. 5.9e+02;
0; Mismatches 3; Indels
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Location/Qualifiers
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Pred. No. 5.9e+02;
0; Mismatches 3;
                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="taxon:32630"
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    .21
    /organism="synthetic compositype="genomic DNA"
    /db_xref="taxon:32630"

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JP 2001321190-A/301.
                                                                                                                           ch 0.8%;
1 Similarity 84.2%;
16; Conservative
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1 (bases 1 to 21)
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Best Local Similarity 84.2%;
Matches 16; Conservative
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PR 05-OCT-1999 JP 99P 284001
PR ASGURIO FURUICHI, AMBA SHIMAMOTO, SAORI KITAO, KAORI NISHIKAWA
PC CIZNIS/12, CIZNS/14, CIZO1/68, CO7K16/18, GOIN33/53, AOIK67/00 CC
Description of Artificial Sequence: Artificially Synthesized CC
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[ (bases 2 to 21)

[ (bases 3 to 21)

[ (bases 4 to 21)

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[ (bases 6 to 21)

[ (bases 7 to 21)

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[ (bases 9 to 21)

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Method and detector for identifying subtypes of human papilloma
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Pred. No. 5.9e+02;
0; Mismatches 3; Indels
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BD012879.1 GI:22093068
WO 0125425-A/52.
Synthetic construct
synthetic construct
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/mol_type="genomic DNA"
/mol_type="genomic DNA"
/mole="laxon:32630"
/note="Oligonucleotide Gap21-3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: BP 1302550-A 648 16-APR-2003;
King Car Pood Industrial Co., Ltd. (TW)
Location/Qualifiers
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 648 from Patent BP1302550.
AX742845
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                                                PAT 07-0CT-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Roetger, A. Nucleotide carrier for diagnosing and treating oral diseases Patent: WO 02072883-A 139 19-SEP-2002; ROETGER, Antje (DE)
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E (hases 1 to 15)

S tinchcomb, D.T., Draper, K.G. and McSwiggen, J.

Rel a targeted ribozymes

AL Patent: US 5658780-A 319 19-AUG-1997;

Location/Qualifiers
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100.0%; Pred. No. 3.8e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 3.8e+02;
tive 0; Mismatches 0;
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                                           15 bp DN Sequence 319 from patent US 5658780. 161765. 161765.1 GI:2479713
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AX587117
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Sequence 3232 from Patent EP1260586.
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/db_xref="taxon:32644"
/note="Bacteria"
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/organism="unidentified"
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                                                      degree
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="forward primer for human STS sts-N36872 at 1p36 sts-N36872 obtained from clones B24G6, B27H21, B375N12, B88B14, 193C6, B122B1, Human BAC library RPCI-11"
Unpublished (1996)
Original source text: Canis familiaris female adult peripheral
blood DNA.
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A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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6; Conservative 0; Mismatches 3; Indels
                                                  Hotstart, touchdown PCR. Starting at 60 C, for 10 cycles, 25 further cylces at 52. product as found in the reference dog.
Location/Qualifiers
                                                                                                                           1. .21
/organis="Canis familiaris"
/organic type="genomic DNA"
/db xzef="taxon:9615"
/sex="female"
/cell_type="white_blood_cells"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="texon:32630"
/d_zref="texon:32630"
                                                                                                                                                                                                                               /tissue_type="peripheral blood"
/dev stage="adult"
1. .21
                                                                                                                                                                                                                                                                                           'note="product size"
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artificial sequences.
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                                                                                                                                                                                                                                                                               1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7677 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

(I (Dases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346388-A 7678 12-FEB-2002;

Location/Qualifiers
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Sequence 7678 from patent US 6346398.
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ARI92189
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   Mismatches
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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                                              Method and reagent for inhibiting the expression of disease related
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1187 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Ratco,P., McSwiggen, J., Stinchcomb,D. and Escobedo,J.
Ratch and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7661 12-FEB-2002;
Location/Qualifiers
Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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100.0%; Pred. No. 3.8e+02;
tive 0; Mismatches 0; Indels
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                                                                             Patent: BP 1260586-A 3232 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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                                                                                                                                            /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 7661 from patent
AR192173
AR192173.1 GI:20238138
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                          1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127.A 1954 20-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3450 20-MAY-2003;
Location/Qualifiers
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3462 20-MAY-2003;

Location/Qualifiers
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O.8%; Score 14; UB

Best Local Similarity 100.0%; Pred. No. 4.6

Matches 14; Conservative 0; Mismatches
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/wol_type="unassigned RNA"
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/organism="unknown"
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Best Local Similarity 100.
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                                                                                                                                                        Unclassified.

1 (bases 1 to 17)

2 (bases 1 to 17)

4 (bases 1 to 17)

Barco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3463 20-MAY-2003;

Location/Qualifiers
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endethelial growth factor receptor Patent: US 6566127-A 6817 20-MAY-2003;
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100.0%; Pred. No. 4.6e+02;
tive 0; Mismatches 0;
Sequence 3463 from patent US 6566127, AR326061
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100.0%; Pred. No. 4.6e+02;
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Gu,Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 542 02-DEC-2003;
Location/Qualifiers
                                                                                                                                                                                                                        1 (bases 1 to 17)

Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 541 02-DEC-2003;
Location/Qualifiers
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                                                                                                Sequence 541 from patent US 6656700. AR434118
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Sequence 542 from patent US 6656700.
AR434119 GI:40196962
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Sequence 760 from Patent WO0159103.
AX215318
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/organism="unknown"
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1366 CTTGATAGCGACGG 1379
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Matches 14; Conservative
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AX215318
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Unknown.
Unclassified.
1 (bases 1 to 17)
Akhtar,S., Fell,P. and McSwiggen,J.A.
Akhtar, nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
to levels of epidermal growth factor receptors
Patent: US 6623962-A 277 23-SEP-2003,
Location/Qualifiers
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1 (bases 1 to 17)

Akhtar,S., Fell,P. and McSwiggen,J.A.

Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors

Patent: US 6623962-A 278 23-SEP-2003;
            1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6818 20-MAY-2003;
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Sequence 278 from patent US 6623962.
AR401938
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Seguence 277 from patent US 6623962.
AR401937
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lest Local Similarity 100.0%; Pred. No. 4.6
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/wol_type="unassigned RNA"
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                                                                                        Location/Qualifiers
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PAT 29-0CT-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bulis, J.H.
Method and reagent for the inhibition of grid
Methot and Leagent for the inhibition of grid
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0.162911-A 74 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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                                                                                            Length 17;
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100.0%; Pred. No. 4.6e+02;
ive 0; Mismatches 0; Indels
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                                                                           Score 14; DB 1; Ler
; Pred. No. 4.6e+02;
/organism="synthetic construct"
/mol type="unassigned RNA"
/db_xref="taxon:32630"
/noce="Nucleic Acid"
                                                                                                                                                                                                                                                                                                   RNA
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 74 from Patent W00162911.
AX272505
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Homo sapiens
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Homo sapiens
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                                                                           Query Match
Best Local Similarity 100.0
Thes 14; Conservative
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AX272504/c
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2332 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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 Method and reagent for the modulation and diagnosis of cd20 and
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Patent: WO 0159103-A 1785 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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                   nogo gene expression
Patent: WO 0159103-A 760 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
Location/Qualifiers
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1 Similarity 100.0%; Pred. No. 4.6e+02;
14; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/db zref="taxon:32630"
/noTe="Nucleic Acid"
                                                                                                                               /organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 2332 from Patent WO0159103.
AX216890
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artificial sequences.
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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors. BD067437
BD067437. GI:22613040
JP 2001511003-A/277. unidentified
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                               Heinrich, G. and Kerb, R. Methods for treatment of cancer using irinotecan based on UGT1Al Patent: WO 03013536-A 356 20-FEB-2003, Epidauros Biotechnologie AG (DE)
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Patent: WO 03025175-A 1839 27-MAR-2003;
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Sequence 356 from Patent WO03013536.
                                                                                                                                                                                                                                                                                  /mol_type="unassigned_DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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AX707589.1 GI:29563762
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AX730205.1 GI:30509548
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Methods for the treatment of cancer with irinotecan based on CYP3A5
Patent: WO 03013334-A 356 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                     Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, J.H.
Method and reagent for the inhibition of grid
Patent: WO 0162911-A, 75 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Sequence 356 from Patent WO03013534.
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                                                                   17 bp
Sequence 75 from Patent WO0162911.
AX272506
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/organism="Homo sapiens"
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AX706659.1 GI:29563082
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Antisense Oligonucleotide
Key Location/Qualifiers
/db_xref="taxon:32644"
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Akhtary S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of fasases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 278 07-AUG-2001;

RIBOZYME PHARMACUTICALS INC, ASTON UNIV

S. Unidentified

PN JP 2001511003-A/278

PP 4-JAN-1998 JP 1998532913

PP 4-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI
           Akhtar, S., Fell, P. and Mcswiggen, J.A.
Loryantic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 277 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Key Location/Qualifiers
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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                                                                                                        OS Unidentified
PN JP 2001511003-A/277
PD 07-AUG-2001
PF 14-ANA-1999 UP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
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/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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/wol_type="genomic RNA"
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CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid
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JP 2001511003-A/278.
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synthetic construct
synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)
Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
modulation
L Patent: JP 2002511276-A 203 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002511276-A/203
PD 16-APR-2002
PP 13-APR-1999 JP 2000543647
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C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
C12N15/00
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                                                                                                                                                                                                                                                                       PAT 28-AUG-2000
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PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 P
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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100.0%; Pred. No. 4.6e+02;
ative 0; Mismatches 0;
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1 (bases 1 to 18)

1 (bases 1 to 0.8)

Baker,Br. and Cowsert,L.M.

Antisense inhibition of Elk-1 expression

Patent: US 5948680-A 9 07-SEP-1999;

Location/Qualifiers
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/wol_type="unassigned DNA"
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Sequence 9 from patent US 5948680.
AR073036.1 GI:9999799
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BD250649
BD250649.1 GI:33060419
JP 2002511276-A/203.
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hes 14; Conservative
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Gaps

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PAT 17-AUG-2003
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                                                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 18)

PavCo,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
PavCo,P., mcSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
McHood and reagent for the treatment of diseases or conditions
Method and reagent for vascular endothelial growth factor receptor
Patent: US 656127-A 2205 20-MAY-2003;

Location/Qualifiers
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Method for detecting cytosine methylation patterns having high
sensitivity
Patent: WO 02072880-A 2 19-SEP-2002;
Epigenomics AG (DE)
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/organism="synthetic construct"

                                                                                                                                      AR324803 18 bp RNA Sequence 2205 from patent US 6566127.
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100.0%; Pred. No. 5...
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 Mismatches
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Sequence 2 from Patent W002072880.
AX663359
XX663359.1 GI:29163699
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/db_xref="taxon:32630"
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artificial sequences.
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Method and nucleic acids for the improved treatment of breast cell proliferative disorders

Patent: WO 2004035803.A 1334 29-APR-2004;

Epigenomics AG (DE)

Location/Qualifiers
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Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4492 12-FEB-2002;
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/note="Detection oligonucleotide for TIMP3"
                                                                                                                         Score 14; DB 1; Length 18; Pred. No. 5.1e+02;
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100.0%; Pred. No. 5.10+02;
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CQ807884
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Sequence 4492 from patent US 6346398.
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/organism="unidentified"
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                                               CAATCCCAACAAAG 19
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AKIKO TANINAKA, TAKUYA OSAKA, MASASHI MIZOUE, HIDBAKI KATO, ETSURO
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C12Q1/68,C12N15/09,C12Q1/70,G01N33/50,G01N33/53, PC
G01N33/566,
C2Q1/68,C12Q1/68,C12R1:93),(C12Q1/70,C12R1:93),C12N15/00,
PC C12N15/00
CC Probe employing the naturally occurred sequence of Hepatitis B
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                                                                             Burger, M., Field, J.K., Genc, B., Liloglou, T., Lipscher, E., Maier, S. and Nimmrich, I.
Method and nucleic acids for the analysis of a lung cell proliferative disorder.
Patent: WO 03052135-A 771 26-JUN-2003;
Epigenomics AG (DE)
Location/Qualifiers
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OS HEPATITIS virus (hepatitis B virus)
PD 10-DEC-2002
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/note="Detection oligonucleotide for TIMP3"
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OS Unidentified

NU UP 1999137256-A/2

PN UP 1999137256-A/2

PD 25-MAY-1999

PF 12-NOV-1997 UP 1997310887

PI CSAMU MATSUSHITA, AKINOBU OKABE, MASATOSHI TEI

PC CL2N1/21, CL2R1:125), (CL2N1/21, CL2N1/5), (CL2N9/52, CL2N1/5), (CL2N1/21, CL2N1/21, 
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Osamu,M., Akinobu,O. and Masatoshi,T.
Novel enzyme active polypeptide and kit for cleaving fused protein
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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100.0%; Pred. No. 5.5e+02;
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                            DNA
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Patent: JP 1999137256-A 2 25-MAY-1999;
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Sequence 203 from Patent WO0130362.
AX128985.1 GI:14135290
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/organism="Homo sapiens"
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Location/Qualifiers
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PAT 08-AUG-2001

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                     van Roy, F., Vanlandschoot, A. and Janssens, B.
Novel cdnas encoding catenin-binding proteins with function in
signalling and/or gene regulation
Patent: WO 0147954-A 25 05-UUL-2001;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 6e+02; Matches 14; Conservative 0; Mismatches 0; Indels
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Alpha-2 adrenergic receptor polymorphisms
Patent: Wo 0.179561-A 2.2 25-OCT-2001;
Liggett, Stephen B. (US); Small, Kersten M. (US)
Location/Qualifiers
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Organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches (
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 17 from Patent EP1439193.
                                 AX188406 20 bp Sequence 25 from Patent WO0147954.
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Sequence 22 from Patent WO0179561.
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Novel cdnas encoding catenin-binding proteins with function in signalling and/or gene regulation.
Patent: WO 0147954-A 14 05-JUL-2001;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
Location/Qualifiers
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Bennett, C.F. and Watt, A.T.
Antisense inhibition of vascular endothelial growth factor receptor-1 expression
Patent: 105 6710174-A 143 23-MAR-2004;
Location/Qualifiers
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cive 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon;32630"
/note="primer FVR293F"
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Sequence 143 from patent US 6710174.
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Sequence 14 from Patent WO0147954.
AX188395
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/wol_type="genomic DNA"
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AX096145/c
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A nucleic acid antisense sequence to a polynucleotide encoding a
polypeptide having heparanese activity
Patent: EP 1439226-A 17 21-JUL-2004;
Insight Biopharmaceuticals Ltd. (IL); HADASIT MEDICAL RESEARCH
SERVICES AND DEVELOPMENT LTD. (IL)
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Pecker,I., Vlodavsky,I. and Feinstein,E.
Polynucleotide encoding a polypeptide having heparanase activity and expression of same in genetically modified cells
Patent: US 6664105-A 17 16-DEC-2003;
Location/Qualifiers
          Pecker, I., Vlodavsky, I. and Peinstein, E. Antibody directed to polypeptide having heparanase activity Patent: EP 1439193-A 17 21-JUL-2004; Insight Biopharmaceuticals Ltd. (IL); Hadasir Medical RESEARCH SERVICES AND DEVELOPMENT ILD. (IL)
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Arganism="synthetic construct"

/mol type="unassigned DNA"

/db_xref="taxon:32630"

/note="Single strand DNA oligonucleotide"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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Sequence 17 from Patent EP1439226.
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Allixmets, R., Anderson, K.L., Dean, M., Leppert, M., Lewis, R.A.,
Li, Y., Lupski, J.R., Nathans, J., Rattner, A., Shroyer, N.F., Singh, N.,
Smallwood, P. and Sun, H.
Nucleic acid and amino acid sequences for ATP-binding cassette
transporter and methods of socreening for agents that modify
Patp-binding cassette transporter
Patent: US 6713300-A 24, 30-MAR-2004;
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1323 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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0.8%; Score 14; DB 1;
.00.0%; Pred. No. 6.5e+02
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AX096145
           100.0%; Pred. ... 0; Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                          AR490930 21 bp
Sequence 24 from patent US 6713300.
AR490930 GI:47258463
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Location/Qualifiers
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Homo sapiens
                                                                                      273 TGCTGCTCCTGGGG 286
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PAT 29-SEP-1999
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1 (bases 1 to 17)

Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.

C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 942 06-0CT-1998;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 5.1e+02; Matches 15; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 1682 17-NOV-1998; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 17;
                                                                 0.8%; Score 14; DB 1; Length 21; 100.0%; Pred. No. 6.5e+02; trive 0; Mismatches 0; Indels
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Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2;
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AR057478
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/mol_type="unassigned DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity
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AR046149/c
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AR057478
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AR115236
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FEATURES
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AUTHORS
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Pecker, I., Vlodavsky, I. and Blena, F.
Polymucleotide encoding polypeptide having heparanase activity and expression of the polypeptide in induced cell
Patent: JP 2001514855-A 14 18-SEP-2001;
INSIGHT STRATEGY & MARKETING LTD, HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LID
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PR 02-SEP-1997 W 8 08/92170,02-JUL-1998 US 09/109386 PI
TRIS PECKER, ISRAEL VLODAVSKY, FEINSTEIN ELENA
PC C12N15/09,A61K38/00,A61P9/10,A61P17/00,A61P29/00,A61P35/00, PC
                                                                       PAT 30-MAR-2001
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C A61P43/00,C12N5/10,C12N9/24,C12Q1/68,G01N33/15,G01N33/50// PC
                                                                                                                                                                                         Sukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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Patent: WO 0118250-A 1669 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
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CC Polymucleotide encoding polypeptide having
heparanase activity
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Location/Qualifiers
1. .21
                                                                       DNA
                                                                     AX096491 21 bp D:
Sequence 1669 from Patent WO0118250.
                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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JP 2001514855-A/14
18-SEP-2001
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JP 2001514855-A/14.
unidentified
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SOURCE
ORGANISM
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BD241607
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AUTHORS
TITLE
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PC AGIP35/00,AGIP43/00,C12N5/10,C12N9/00//AG1K35/76,C12N15/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ·;
                                                                                                                                                                                                                                                                                                                                                              Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD203456.1 GI:33013226
JP 2002509721-A/6482.
Homo sapiens (human)
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                                                                                      1 (bases 1 to 17)
Draim, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: 10 2 132 967-A 1682 17-0CT-2000;
Location/Qualifiers
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Location/Qualifiers
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88.2%; Pred. No. 5.1e+02;
ve 0; Mismatches 2; Indels
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Key Location/Qualifiers
  Sequence 1682 from patent US 6132967.
                                                                                                                                                                                                            /mol_type="unassigned DNA"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="unknown"
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              AR115236
AR115236.1 GI:14095558
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                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.2%;
Watches 15; Conservative 0
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                                                               Unknown.
Unclassified.
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Landers, J. B., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
Massachuserrs Institute of TECHNOLOGY
So Homo sapiens (human)
N JP 2002525127-A/554
DD 13-AUG-2002
PP 24-SEP-1999 JP 2006572407
PR 25-SEP-1999 UP 2010572407
PR 25-SEP-1999 UP 2010572407
PR 25-SEP-1999 UP 2010572407
PR 25-SEP-1999 UP 2010572407
PR 25-SEP-1998 US 60/101777
PR 25-SEP-1998 US 60/101777
CL2N15/09,C12Q1/68,G01N33/53,G01N33/566,G01N33/58,G01N37/00, PC
                                                                                                    BDZ41607 Hinear PAT 17-JUL-2003 Methods and products related to genotyping and DNA analysis.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Shannon,M.E.
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Patent: WO 0192524-A 1526 06-DEC-2001;
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88.2%; Pred. No. 5.1e+02;
ative 0; Mismatches 2;
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/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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JP 2002525127-A/554.
Homo sapiens (human)
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Homo sapiens
17 ATTATCCAAACGGAGCA
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Best Local Similarity 88.2
Matches 15; Conservative
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Gomo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Wyosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 10010 06-DEC-2001;
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
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Patent: WO 0192524-A 8045 06-DEC-2001;
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Sequence 10010 from Patent WO0192524.
CQ625270
                                CQ623305 17 bp DN
Sequence 8045 from Patent WO0192524.
CQ623305
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 01922-A 6795 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Wyosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6796 06-DEC-2001;
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Seguence 6795 from Patent WO0192524.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                  88.2%;
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                  est Local Similarity 88.2 (atches 15; Conservative
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Brown, S.Joel., Dattagupta, N. and Naidu, Y.M.
Method for inhibiting cellular proliferation using antisense oligonucleotideotide to interleukin-6 receptor mRNA Patent: US 5716846-A 10 10-FEB-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 17)
Stinchcomb, D. T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb targeted tribozymes
Patent: US 5646042-A 942 08-JUL-1997;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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                     M Unknown.
Unclassified.
B 1 (bases 1 to 17)
S Swiggen,J.A. and Mamone,J.Anthony.
Hammerhead ribozymes for preferred targets
Hammerhead ribozymes for preferred targets
Abl Patent: US 5646020-A 7 08-JUL-1997;
Location/Qualifiers

Location/Qualifiers

'NNA"
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Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2;
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Sequence 942 from patent US 5646042.
153201
153201.1 GI:2474404
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I88032
I88032.1 GI:3407972
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Best Local Similarity 88.2°
Matches 15; Conservative
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Transgenic animal expressing angiotensin II2 receptor specifically
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AOIRK7/027,71215/10,C12N15/09,C12Q1/02//(C12N5/10,C12R1:91),
(C12N15/09,C12R1:91),C12N5/00,C12N15/00,(C12N5/00,C12R1:91),
(C12N15/09,C12R1:91)
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                           Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                           Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 10664 06-DEC-2001;
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llarity 88.2%; Pred. No. 5.1e+02;
Conservative 0; Mismatches 2; Indels
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cive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:9606"
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152065.
152065.1 GI:2473266
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JP 2000224939-A/4
15-AUG-2000
05-FEB-1999 JP 1999029354
                                                                                          Aeomica, Inc. (US)
Location/Qualifiers
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JP 2000224939-A/4.
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Best Local Similarity 88.2°
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6. W.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle patent: US 668188-A 1526 03-FEB-2004;
Location/Qualifiers
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88.2%; Pred. No. 5.1e+02;
ve 0; Mismatches 2; Indels
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 576 02-DEC-2003;
Location/Qualifiers
     1 (bases 1 to 17)

Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 575 02-DEC-2003;
Location/Qualifiers
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AR457849
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Sequence 576 from patent US 6656700.
AR434153
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/wol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4222 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1989 20-MAY-2003;

Location/Qualifiers
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                                                                                                                               AR188734 17 bp DNA Sequence 4222 from patent US 6346398. AR188734 48188734.1 GI:20234699
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/mol_type="unassigned DNA"
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RESULT 662 AP463118/c LOCUS

DEFINITION

ACCESSION VFRSION KEYWORDS

ORGANISM

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(Many Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shamnon,M.E.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 668188-A 8045 03-FEB-2004;

Location/Qualifiers
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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88.2%; Pred. No. 5.1e+02;
rative 0; Mismatches 2;
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Sequence 10664 from patent US 6686188.
AR466987.1 GI:42702044
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/mol_type="genomic DNA"
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6. Manzel, D.K., Rank, D.R., Chen, W. and Sharnon, M.B.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 668188-A 6796 03-FEB-2004;
Location/Qualifiers
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88.2%; Pred. No. 5.1e+02;
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Sequence 6796 from patent US 6686188.
AR463119
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Sequence 8045 from patent US 6686188.
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Sequence 6795 from patent US 6686188.
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/mol_type="genomic DNA"
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17 AGCCCCATCACCTGCTC 1
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Matches 15; Conservative
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AR464368.1
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DEFINITION

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RESULT 663 AR463119/c

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RESULT 664 AR464368

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PAT 18-JUN-2002
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                           Koutnikova, H., Brice, A., Fournier, A., Pradier, L., Prades, C., Arnould-Reguigne, I., Rosier-Montus, M.F. and Corti, O. Compositions useful for regulating parkin gene activity batent: WO 0160857—A 8 23-AUG-2001; Aventus Pharma S.A. (FR); INSTITUT NATIONAL DE LA SANTE ET DE RECHERCHE MEDICALE (INSERM) (FR)
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1240 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (G)
Location/Qualifiers
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llarity 88.2%; Pred. No. 5.1e+02;
Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonuclectide"
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/db_xref="taxon:9606"
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Sequence 8 from Patent W00160857.
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Mycobacterium tuberculosis
Bacteria; Actinobacteria, Actinobacteridae; Actinomycetales;
Corymabacterinaee, Mycobacteriaeae; Mycobacterium
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Kit for diagnosis of tubercle bacilli
Patent: BP 1076099-A 62 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
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                                                                                                                                                                                                                                                                                                             Unclassified.

I (bases 1 to 17)
Landers, J., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
Patent: Us $703228-A 554 09-WAR-2004;
Location/Qualifiers
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Set Local Similarity 88.2%; Pred. No. 5.1e+02; 

Atches 15; Conservative 0; Mismatches 2; Indels
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AR483108
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/db_xref="taxon:1773"
/note="capture"
                      0; Mismatches
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Sequence 62 from Patent BP1076099.
AX139214
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/mol_type="genomic DNA"
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Homo sapiens (human)
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Best Local Similarity 88.2<sup>§</sup>
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Best Local Similarity
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SOURCE
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AX530771/c
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
           Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. and Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1433 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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llarity 88.2%; Pred. No. 5.1e+02;
Conservative 0; Mismatches 2; Indels
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 024750-A 231 28-MAR-2002;
Aeomica, Inc. (US)
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Patent: BP 1239051-A 108 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                        /mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                              Sequence 231 from Patent W00224750. AX475010
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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    /organism="Homo sapiens"

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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 13.8; DB 1; 188.2%; Pred. No. 5.1e+02; ive 0; Mismatches 2;
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88.2%; Pred. No. 5.1e+02;
ative 0; Mismatches 2;
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Patent: EP 1239051-A 1983 11-SEP-2002;
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Patent: EP 1239051-A 280 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 280 from Patent EP1239051.
AX530771

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Location/Qualifiers
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1498 14-FEB-2002;
RIBOZYME PHARMACBUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Method and reagent for inhibiting the expression of disease related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PAT 22-MAR-2003
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
and Grupe,A.
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Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Pred. No. 5.1e+02;
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Patent: EP 1260586-A 1644 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 1644 from Patent EP1260586.
AX634505
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/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                            /mol_type="unassigned RNA"
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Location/Qualifiers
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Patent: WO 0211674-A 809 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                        Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
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                                                                                                                                                                                                                                                            channel-1 (clca-1)
Patent: WO 0211674-A 808 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US)
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Pred. No. 5.1e+02;
0; Mismatches 2; Indels
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Sequence 1498 from Patent W00211674.
AX579660.1 GI:27648862
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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               AX578970 17 bp 1
Sequence 808 from Patent WO0211674.
AX578970
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Query Match 0.8%; Score 13.8; DB 1; Length 17; Best Local Similarity 88.2%; Pred. No. 5.1e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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/db_xref="taxon:10090"
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Mus musculus
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Alphaherpesvirinae; Simplexvirus.
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                                                    Human sodium-hydrogen exchanger like protein
Patent: EP 1273660-A 61 08-JAN-2003;
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Sequence 4421 from Patent EP1281758.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 467 from Patent EP1288296.
AX711167
                                                                                                                                              organism="Homo sapiens"
                                                                                      Aeomica, Inc. (US)
Location/Qualifiers
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                REFERENCE AUTHORS
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Mus musculus
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 5678 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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18.2%; Pred. No. 5.1e+02;
ve 0; Mismatches 2;
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O.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
                                                                                                                                                                                                                                                                                                                                                           AX727991 17 bp DNA Sequence 5678 from Patent WO03025176.
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
/mol_type="unassigned RNA"
/db_xref="taxon:126283"
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                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OS Mycobacterium tuberculosis
PN JP 2001103981-A/62
PD 17-ARR-2001
PP 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAKENISHI PC C12N15/09, C12N15/09, C12Q1/68, C12R1:325), (C12Q1/68, C12R1:325), (C12Q1/68, C12R1:335), C12N15/00, C12N15/00 CC
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                                                                                                                                                                                                  Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism='Mycobacterium tuberculosis'.
Location/Qualifiers
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llarity 88.2%; Pred. No. 5.1e+02;
Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.8; DB 1; Length 17;
38.2%; Pred. No. 5.1e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
AX759537 17 bp DNA Sequence 2858 from Patent W003040369.
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    1.17
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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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                                                             AX759537.1 GI:32254153
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BD013498
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TITLE
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                    Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                           Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3025177-A 1138 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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18.2%; Pred. No. 5.1e+02;
ve 0; Mismatches 2; Indels
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                                                                                                                                               AX735548 17 bp DNR
Sequence 1138 from Patent WOO3025177.
AX735548
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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        1466 GTCTGGGGGAGCGGATC 1482
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Sest Local Similarity 88.2
Atches 15; Conservative
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Antisense inhibiton of human G-alpha-12 expression
Patent: US 5998206-A 9 07-DEC-1999;
Location/Qualifiers
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88.2%; Pred. No. 5.6e+02;
tive 0; Mismatches 2;
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Sequence 9 from patent US 5998206.
AR092794 GI:10019546
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unknown"
                                                                                  847
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1 (bases 1 to 18)
Cowsert, L.M.
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Best Local Similarity 88.2
Matches 15; Conservative
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AR087498
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1 (bases 1 to 18)

Monia, B.P. and Cowsert, L.M.
Antisense modulation of inhibitor-kappa B kinase-beta expression
Patent: US 5977341-A 19 02-NOV-1999;
Location/Qualifiers
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                                                                                                                                                                                                                                                         Length 18;
                                                                                                                                1 (bases 1 to 18)
Cowsert, L.M.
Antisense inhibiton of human G-alpha-12 expression
Patent: US 5998206-A 10 07-DEC-1999;
Location/Qualifiers
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Cowsert, L.M.
Antisense modulation of G-alpha-11 expression
Patent: US 5951455-A 40 14-SEP-1999;
Location/Qualifiers
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                      Sequence 10 from patent US 5998206.
AR092795
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/organism="unknown"
/mol_type="unassigned DNA"

    .18
    /organism="unknown"
    /mol_type="unassigned DNA"

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AR073400
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Sequence 19 from patent US 5977341.
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                                                                AR092795.1 GI:10019547
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AR084040.1 GI:10010811
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Unclassified.
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RESULT 689
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AR073400/c
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PAT 08-SEP-2000

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Length 18;

PAT 14-FEB-2001

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                                                            Length 18;
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                                                        0.8%; Score 13.8; DB 1;
ilarity 88.2%; Pred. No. 5.6e+02;
Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                     DNA
                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 18)

2 (Bases 2 to 18)

Ganetzky, B.S. and Titus, S.A.

Polynucleotides encoding herg-3

Patent: US 5986081-A 10 16-NOV-1999;

Location/Qualifiers
                                                                                                                                                                                                                                                               Sequence 10 from patent US 5986081. AR087498
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/organism="unknown"
/mol_type="unassigned DNA"
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Trificial Sequences.

1 (bases 1 to 18)

Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,

Ercoks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.

Identification of genetic targets for modulation by
oligomucleotides and generation of oligomucleotides for gene
modulation.
TIMOTHY A VIKKARS
C12N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
                                                                                                                                                                                                                                                                                                   0.8%; Score 13.8; DB 1; Length 18; 38.2%; Pred. No. 5.6e+02; ive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides modulation.
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ISIS PHARMAGEUTICALS INC
OS Artificial Sequence
PN JP 2002511276-A/278

    .18
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13-APR-1999 JP 2000543647
13-APR-1998 US 60/08148
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artificial sequences.

In Class I to 18)

Nakamura, K. and Ueno, T.

Nucleic acid, nucleic acid to detect bacteria having biodegradabil ity for chlorinated ethylene, probe and process to detect bacteria having biodegradability for chlorinated ethylene, probe and process to biodegradability for chlorinated ethylene, probe and process to biodegrade f or chlorinated ethylene or ethane

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OS Artificial Sequence
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                                                                                                                                                                                                                                                                     ch 0.8%; Score 13.8; DB 1; Length 18; Similarity 88.2%; Pred. No. 5.6e+02; 15; Conservative 0; Mismatches 2; Indels
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Ganetzky, B.S. and Titus, S.A.
Potassium ion channel genes and proteins
Patent: US 6087488-A 10 11-UUL-2000;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 32 from patent US 6153595.
AR120028
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BD185315.1 GI:31877515
JP 2002355055-A/3.
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               GI:12815474
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In (bases 1 to 18)

1 (bases 1 to 18)

Pavoo, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 3004 20-MAY-2003;

Location/Qualifiers
                                     1 (bases 1 to 18)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Bscobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 6244 12-FEB-2002;
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Russell,S.J. and Morris,J.
System for monitoring the location of transgenes
Patent: US 6586411-A 22 01-JUL-2003;
                                                                                                                                                                                                                    0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5.6e+02;
live 0; Mismatches 2;
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88.2%; Pred. No. 5.6e+02;
7ative 0; Mismatches 2;
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AR325602
AR325602.1 GI:33711410
                                                                                                                                                                                  /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                Jurgens, G., Kolari, M., Rainey, F., Salkinoja-Salonen, M., Laatikainen, H., Tammela, P., Vuorela, P. and Vaeaetaenen, P. A method for monitoring the presence of harmful microorganisms inpaper industry and 2004042082-A 27 21-MAY-2004; Kemira Oyj (FI)
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus
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88.2%; Pred. No. 5.6e+02;
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/mol_type="unassigned DNA"
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AR190756.1 GI:20236721
                                                                                       CQ815788 18 bp DNA Sequence 27 from Patent WO2004042082.
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Patent: US 5442049-A 32 15-AUG-1995;
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/organism="unknown"
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II3824.1 GI:996254
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Spena, A., Rotino, G., Ficcadenti, N. and Defez, R.
Method of modulating the expression of genes inducing the
parthenocarpic trait in plants so
Ratent: WO 101598-A 7 25-UAN-2001;
GINE, ST.R.A. Societe Consortile a.r.l. (IT); Istituto
Sperimentale per L'Orticoltura (IT); CONSIGLIO NAZIONALE DELLE
RICERCHE (IT)
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Method of modulating the expression of genes inducing the parthenocarpic trait in plants
Patent: WO 0105985-A 5 25-JAN-2001,
G.IN.E.ST.R.A. Societe Consortile a.r.l. (IT); Istituto Sperimentale per L'Orticoltura (IT); CONSIGLIO NAZIONALE RICERCHE (IT)
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| Daxef="taxon:32630"
/note="primer for PCR"
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/note="primer for PCR"
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Conservative 0; Mismatches 2; Indels
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Russell, S. J. and Peng, K.W.
System for monitoring the expression of transgenes
Patent: US 6632800-A 18 14-0CT-2003;
Location/Qualifiers
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88.2%; Pred. No. 5.6e+02;
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Chow, R. and Tonai, R.
High throughput methods of HLA typing
Patent: US 6670124-A 127 30-DEC-2003;
Location/Qualifiers
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Sequence 18 from patent US 6632800.
AR409160
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Sequence 5 from Patent WO0105985.
AXC78804
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/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Matches 15; Conservative
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Best Local Similarity
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Agent for postoperative use after the removal of bone tumours
Patent: WO 0178756-A 12 25-OCT-2001;
Depuy Biotech Jena GmbH (DE)
Location/Qualifiers
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/note="Hammerhead ribozyme recognition site for cdc
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88.2%; Pred. No. 5.6e+02;
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/note="primer"
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Patent: WO 0146391-A 2 28-JUN-2001;
Plant Bioscience Limited (GB)
Location/Qualifiers
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AX284155
                1. .18
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AX180424
Location/Qualifiers
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Best Local Similarity 88.2
Matches 15; Conservative
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Patent: WO 02064791-A 68 22-AUG-2002;
                                                                                                                                                             Gaps
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Nucleic acid, nucleic acid for detecting chlorinated ethylene-decomposing bacteria, probe, method of detecting chlorinated ethylene-decomposing bacteria, and method of decomposing chlorinated ethylene or ethane

decomposing chlorinated ethylene or ethane

Patent: EP 1176216-A 3 30-JAN-2002;

Kurita Water Industries Ltd. (JP)
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Pred. No. 5.6e+02;
0; Mismatches 2;
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88.2%; Pred. No. 5.6e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
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Sequence 68 from Patent WO02064791.
AX686024
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CMV infections Patent: US 6153595-A 31 28-NOV-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.1e+02;
trive 0; Mismatches 2; Indels
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               1. .18
/organism='Unidentified'
Location/Qualifiers
Location/Qualifiers
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Other publication FR 2744455 19970808
Location/Qualifiers
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PARENT: WO 9728186-A 36 07-AUG-1997;
SANOFI SA (FR)
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AR120027
GI:14102726

    .19
/organism="unidentified"
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/db_xref="taxon:32644"

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/organism="unknown"
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Sequence 36 from Patent WO9728186.
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/organism="unidentified"
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/db_xref="taxon:32644"
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Best Local Similarity 88.23
Matches 15; Conservative
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TITLE
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BD006224
BD006224.1 GI:18634595
Up.2001500385-A/3.
unidentified
unidentified
unidentified.
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Buler,G.V., Aase,K., Betsholtz,C., Eriksson,U., Pek,M., Medhin,S.G.
and Li,X.
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                                                                                                                                                                                                                                                                                                                                                             Beimfohr, C. and Snaidr, J.
Method for the specific fast detection of bacteria which is harmful
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THE LUDWIG INSTITUTE FOR CANCER RESEARCH
                                                                   Gaps
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18-FEB-1997 US 60/038202
GABRIELLE VON EULER, KARIN AASE, CHRISTER BETSHOLTZ, ULF
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="01igonukleotid"
   /note="oligonucleotide primer"
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Patent: WO 02103043-A 185 27-DEC-2002;
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SAMUEL GEBRE MEDHIN, XURI LI
C12N5/00, C12N15/00, C12N15/09
Strandedness: Single;
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Location/Qualifiers
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JP 2001500385-A/3
16-JAN-2001
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synthetic construct
artificial sequences.
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PN JP 2
PD 16-J
PF 18-F
PR 18-F
PI GABR
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PAT 26-SEP-1995
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                                                                                                                                                                                                                                                                                                                       Unclassified.

1 (Dases 1 to 19)

Anderson,K., Draper,K. and Baker,B.

Oligonucleotides for modulating the effects of cytomegalovirus infections
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 19)
Lee, C.-H. and Jiang, B.
Compounds and methods to determine presence of Histoplasma
                        Length 19;
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88.2%; Pred. No. 6.1e+02;
tive 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.18+02;
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88.2%; Pred. No. 6.1e+02;
tive 0; Mismatches 2;
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Patent: US 5693501-A 11 02-DEC-1997;
Location/Qualifiers
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Location/Qualifiers
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177125.1 GI:3013279
                                                                                                                                                                                                                       Sequence 31 from patent US 5442049.
113823
113823.1 GI:996253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="unassigned DNA"
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Sequence 5 from patent US 6455307.
AR232215
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                                    Best Local Similarity 88.2
Matches 15; Conservative
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Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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Description of Artificial Sequence:PNA probe, HER-2, position CC
2387-2369
                                                                                                                    PAT 17-JUL-2003
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                                                                                                                                                          BD226523.1 GT:33036293

BD226523.1 GT:33036293

JP 2002513587-A/69.

Synthetic construct

artificial sequences.

E 1 (bases 1 to 19)

S Dongen, J. J. W. V., Pluzek, K. J., Nielsen, K. V. and Adelhorst, K.
Method and probes for the detection of chromosome aberrations

DAKO AS

OS Artificial Sequence

PD 14-MAY-2002;

PD 14-MAY-2002

PR 04-MAY-1999 JP 200547260

PR 04-MAY-1999 BW 0615/98

PI JACOBS JOHANNES MARIA VAN DONGEN, KARL JOHAN PLUZEK, KIRSTEN 1
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1 JR 2002513587-A/69
2 14 MAX-2002
3 04-MAX-1999 JP 2000547260
5 04-MAX-1999 DK 0615/98
1 JACOBS JOHANNES MARIA VAN DONGEN, KARL JOHAN PLUZEK, KIRSTEN VANG NIELSEN,
                                                                                                        ырдиев 19 bp DNA linear PAT 17-JUI
Method and probes for the detection of chromosome aberrations.
BD226523
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for MAPKI"
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/organism='Artificial Sequence'
Location/Qualifiers
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Patent: WO 2004035803-A 1654 29-APR-2004;
Epigenomics AG (DE)
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Robbins,J.M. and Tritz,R.
Ribozyme therapy for the treatment of proliferative skin and
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                                                                                  ch 0.8%; Score 13.8; DB 1; Length 19; 1 Similarity 78.9%; Pred. No. 6.1e+02; 15; Conservative 1; Mismatches 3; Indels
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/organism="Homo sapiens"
/or_lype="unassigned DNA"
/db xref="taxon:9606"
/noFe="CdX2 ribozyme binding site"
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88.2%; Pred. No. 6.1e+02;
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="y=t or c"
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IMMUSOL, INC. (US)
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IMM:USOL, INC. (US)
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Sequence 225 from Patent WO0130362.
AX129007
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/db_xref="taxon:9606"
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Sequence 20 from Patent W00130362.
AX128802 GI:14135107
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 291 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 289 08-FEB-2001;
BPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
                                                          Unknown.
Unknown.
Unclassified.
I (bases 1 to 19)
McKay,F. Freier,S.M. and Wyatt,J.
Antisense modulation of casein kinase 2-alpha prime expression Patent: US 6455307-A 5 24-SEP-2002;
Patent: US 6455307-A 5 24-SEP-2002;
Location/Qualifiers
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88.2%; Pred. No. 6.1e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 289 from Patent WO0109183.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
/note="CdK3 ribozyme binding site"
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//mol type="unassigned DNA"
/db ref="texton:9606"
/note="CdK4 ribozyme binding site"
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                                 Seguence 335 from Patent WO0130362. AXI29117
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Sequence 460 from Patent WO0130362.
AX122221 GI:14135547
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Sequence 473 from Patent W00130362.
AX129255
AX129255.1 GI:14135560
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Location/Qualifiers
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Location/Qualifiers
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Homo sapiens
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Best Local Similarity 88.2*
Matches 15; Conservative
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Best Local Similarity 88.23
Matches 15; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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88.2%; Pred. No. 6.1e+02;
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'Coganism="Homo sapiens"
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'db_xref="taxon:9606"
'note="Cdk3 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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 0; Mismatches
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Sequence 315 from Patent W00130362.
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Sequence 334 from Patent WO0130362.
AX129116
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/organism="Homo sapiens"
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AX129097.1 GI:14135402
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15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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AX129097
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Heinrich, G. and Kerb, R. Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 0301354A 472 20-FEB-2003; Epidauros Biotechnologie AG (DE) Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
/noTes"Cyclin D3 ribozyme binding site"
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         Patent: WO 0130362-A 2009 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Frimates, Catarrhini, Hominidae, Homo.
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                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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88.2%; Pred. No. 6.1e+02;
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/db_xref="taxon:9606"
/note="Cdk6 ribozyme binding site"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="CGk4 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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                                                                                                                                              Patent: WO 0130362-A 473 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 606 from Patent WO0130362.
AX129388
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/organism="Homo sapiens"
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                            Heinrich, G. and Kerb, R.
Methods for treatment of cancer using irinotecan based on UGTIA1
Patent: WO 03013536-A 471 20-FBB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Methods for treatment of cancer using irinotecan based on UGTIA1
Patent: WO 03013156-A 472 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
10
/note="y=c or t"
                                                                                                 388 TCCTCGGATGAGGTGCAGT 406
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Homo sapiens
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Sest Local Similarity 78.91
Substitution 15; Conservative
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Best Local Similarity 78.9
Matches 15; Conservative
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AX707704
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JOURNAL
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AUTHORS
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unclassified.

"E 1 (bases 1 to 19)

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"E 2 (bases 1 to 19)

"E 3 (bases 1 to 19)

"Yamada,K.. and Yokomaku,T. Kamagata,Y., Torimura,M., Kurata,S.,

"Yamada,K. and Yokomaku,T.

Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method probes, and method for analyzing data obtained by the method of D-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,

KANKYO ENGINEERING CO LDD

OS Artificial Sequence

P 7-2002191372-A/90

PP 26-SEP-2001 JP 2001295145
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JP 2001321190-A/744
20-NOV-2001
12-MAR-2001
12-MAR-2001
BIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A method of arraying genome clone
Patent: JP 2001321190-A 744 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
EN JP 2001321190-A/744
FD 20-NOV-2001
FP 12-MANV-2001
FP 12-
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Location/Qualifiers
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88.2%; Pred. No. 6.1e+02;
ative 0; Mismatches 2;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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388 TCCTCGGATGAGGTGCAGT 406
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JP 2001321190-A/744.
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JP 2002191372-A/90.
unidentified
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Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.
Novel mucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method
Patent: JP 2002191372-A 97 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
OS Artificial Sequence
PN JP 2002191372-A/97
PD 09-JUL-2002
PR 26-SEP-2001 JP 2001295145
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Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method.
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CLZN15/09, CL2M1/00, CL2Q1/68, G01N33/59//G01N33/53, G01N33/566, PC
CL2N15/00
                                                 PC
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RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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larity 88.2%; Pred. No. 6.1e+02;
Conservative 0; Mismatches 2; Indels
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/organism="unidentified"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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JP 2002191372-A/97.
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GCCATGTGCACGTGCCC 17

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E 1 (bases 1 to 19)

S Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.
Novel nucleic acid probes, method for determining concentrations of
nucleic acid by using the probes, and method for analyzing data
obtained by the method

D Patent: JP 2002191372-A 105 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
OS Artificial Sequence
PN JP 2002191372-A/105
PD 09-JUL-2002
PP 26-SEP-2001 JP 2001295145
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI PI
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Novel mucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method.
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Unclass 1 to 19)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.
Yamada, K. and Yokomaku, T.
Yowel nucleic acid probes, method for determining concentrations on the caid by using the probes, and method for analyzing data obtained by the method
Datent: 1P 2002131372-A 107 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The sequence hybridizes with a sequence of human CYP21 gene.
Key
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FT source 1...9

/organism='Artificial Sequence'.
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/organism="unidentified"
/mol_type="genomic DNA"
/db xref="taxon:32644"
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JP 2002191372-A/107
09-JUL-2002
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BD166127.1 GI:27871939
JP 2002191372-A/107.
                                                                                                             BD166125
BD166125.1 GI:27871937
JP 2002191372-A/105.
unidentified
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PAT 01-MAR-1995

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Gaps

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PAT 29-SEP-1999

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1 (bases 1 to 20)
Fontana, A., Constam, D.B., Tobler, A.R., Altmann, K. and Schlapbach, R. PURONCIN-SENSITIVE AMINOPEPTIDASES
PARCHIE: WO 9738114-A 8 16-0CT-1997;
CIBA GEIGY AG (CH)
                                                                                                                                                                                                                                Process for the attachment of a nucleotide sequence onto a solid support, applications and set for their implementation Patent: FR 2660925-A 118-0CT-1991; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.
1 (bases 1 to 20)
Chader, G.J., Becerra, S.Patricia., Schwartz, J.P., Taniwaki, T. and
                                                                                                                 Human papillomavirus type 6
Human papillomavirus type 6
Viruses; dsDNA viruses, no RNA stage; Papillomaviridae;
                                                                                                                                                                                                                                                                                                                                                                                                        Length 20;
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/db_xref="taxon:31552"
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Pred. No. 6.6e+02;
0; Mismatches 2;
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88.2%; Pred. No. 6.6e+02;
live 0; Mismatches 2;
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 8 from Patent WO9738114.
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                                   HPV6 specific probe.
A25072
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                                                                                                                                                                       Papillomavirus.
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="reverse primer for human STS sts-D20714 at 1p36 sts-D20714 obtained from clones B179F20, B346E1, B25B13, Human BAC library RPCI-11"
                                                                                                           The sequence hybridizes with a sequence of human CYP21 gene.
Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii6mail.cc.tohoku.ac.jp, Tel:81-22-717-8042) Fax:81-22-717-8047)
                                                                            PC
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGAIA, MASAKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                  FI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC (12N15/09, C12M1/00, C12Q1/68, G01N13/58//G01N33/53, G01N33/56, CC This sequence hybridizes with a sequence of human CYP21 gFH Key 1.00 Location/Qualifiers 1.19 FT source 1.19 /organism='Artificial Sequence'.
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A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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88.2%; Pred. No. 6.1e+02;
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1. .19
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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3est Local Similarity 88.2
Matches 15, Conservative
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Direct Submission
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Best Local Similarity
Matches 15; Conserval
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SOURCE ORGANISM

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AUTHORS TITLE JOURNAL

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PUBMED JOURNAL

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REFERENCE

RESULT 741

AB069475

FEATURES

DEFINITION

ACCESSION VERSION KEYWORDS 10017621-3sl.rge

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PAT 14-FEB-2001
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Blumenfeld, M.
Alumina plate method and device for controlling temperature
Patent: US 6074868-A 3 13-JUN-2000;
                                                                                                                                      Unknown.
Unclassified.
Unclassified.
Unclassified.
Unclassified.
Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense oligomucleotide compositions and methods for the inibition of c-Jun and c-Fos
Patent: US 598558-A 9 16-NOV-1999;
Location/Qualifiers
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artive 0; Mismatches 2;
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Becker, J.W. and Stacey, G.
Plant peptide transport gene
Patent: US 6080542-A 10 27-JUN-2000;
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/wol_type="unassigned DNA"
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Sequence 10 from patent US 6080542.
AR099973
                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 3 from patent US 6074868.
AR098293
                                       AR086188 20 bp
Sequence 9 from patent US 5985558.
AR086188
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AR098293/c
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Pigment epithelium-derived factor: characterization of its novel biological activity and sequences encoding and expressing the protein and methods of use Patent: US 5840666-A 13 24-NOV-1998;
Location/Qualifiers
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Hayden,M., Lin,B. and Nasir,J.
Mouse model for Huntington's Disease and related DNA sequences
Patent: US 5849995-A 13 15-DEC-1998;
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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Patent: US 5968800-A 4 19-OCT-1999;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 13 from patent US 5849995.
AR066389
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Sequence 4 from patent US 5968800.
AR080574
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Best Local Similarity 88.2
Matches 15; Conservative
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1 (bases 1 to 20)
Gerhold, D.L.
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080574/c
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PAT 16-JUN-2001

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PAT 08-AUG-2001

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REFERENCE

RESULT 750 AR131359

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Process for controlling contamination of nucleic acid amplification
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Patent: US 6228634-A 3 08-MAY-2001;
                                                                                                                                                                                                                                                   Universal primer sequence for multiplex DNA amplification Patent: US 6207372-A 7 27-MAR-2001;
Location/Qualifiers
1. .20
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2;
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18.2%; Pred. No. 6.6e+02;
ve 0; Mismatches 2;
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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ARI49896.1 GI:15114487
                                                                             Sequence 7 from patent US 6207372.
ARI39299
ARI39299.1 GI:14481795
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Sequence 1 from patent US 6287823.
ARL68275.
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Unclassified.
1 (bases 1 to 20)
Blumenfeld,M. and Chaplin,J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
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1 (bases 1 to 20)
Hartley,J.L.
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Best Local Similarity 88.2
Matches 15; Conservative
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AR168275/c
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AR139299/c
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1 (bases 1 to 20)
Moncany,M. and Montagnier,L.
Molectide sequences derived from the genome of retroviruses of the HIV-1, HIV-2, and SIV type, and their uses in particular for the amplification of the genomes of these retroviruses and for the vitro diagnosis of the diseases due to these viruses

Patent: US 6194142-A 11 27-FEB-2001;
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1 (Bases 1 to 20)

Moncany, M. and Montagnier, L.

Nucleotide sequences derived from the genome of retroviruses of the HIV-1, HIV-2, and SIV type, and their uses in particular for the amplification of the genomes of these retroviruses and for the patent: Usc diagnosis of the diseases due to these viruses
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Matches 15; Conservative 0; Mismatches 2; Indels
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38.2%; Pred. No. 6.6e+02;
tve 0; Mismatches 2; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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AR131359.1 GI:14120262
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AR131361.1 GI:14120264
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Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15, Conservative
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PC AGIP25/28,AGIP27/16,AGIP29/00,AGIP31/04,AGIP37/08,AGIP43/00,
PC C07K14/705,
PC C07K16/28,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12Q1/
PC 02,C12Q1/68,
PC G01N33/15,G01N33/50,G01N33/566//AG1K31/7125 PC
PC G01N33/15,G01N33/50,C12N5/00
PC AGIK48/00,C12N15/00,C12N5/00
                                                                             PAT 20-APR-2002
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YASUKO TERAO,YASUSHI SHINTANI
C12N15/09,A61K45/00,A61P1/04,A61P1/10,A61P1/12,A61P1/14,A61P1/
16,A61P1/18,
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Ander, G.J., Becerra, S.Patricia., Tombran-Tink, J., Johnson, L.V., Steele, F.R. and Rodriguez, I.
Pigment epithelium-derived factor: characterization, genomic organization and sequence of EDFF gene Patent: US 6319687-A 13 20-NOV-2001;
Location/Qualifiers
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Terao, "and Shintani, Y. Novel G profesin Compared Spaces of the second Spaces of the secon
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Sequence 13 from patent US 6319687.
AR178436
AR178436.1 GI:20219574
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/organism="unknown"
/mol_type="unassigned DNA"
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JP 2002335977-A/58.
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Hartley,J.L.
Process for controlling contamination of nucleic acid amplification
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Dean, N.M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligomiclectide compositions and methods for the modulation of activating protein 1
Patent: US 6312900-A 9 06-NOV-2001;
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
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reactions
Patent: US 6287823-A 1 11-SEP-2001;
Location/Qualifiers
1. 20
/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 3 from patent US 6287823.
AR168277
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Sequence 9 from patent US 6312900.
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/organism="unknown"
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AR176754.1 GI:17919109
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JP 2002360271-A/495.
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Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                       Method for classifying genotype of hepatitis B viruses, and primers and probes for the same.
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Taninaka, A., Caska, T., Mizoue, M., Kato, H., Orito, E. and Ueda, R.
Method for classifying genotype of hepatitis B viruses, and primers
and probes for the same
Patent: JP 200235598-A 9 10-DEC-2002;
GENOME SCIENCE LABORATORIES CO LTD
OS Artificial Sequence
PN JP 200235598-A/9
PD 10-DEC-2002
PP 14-AUG-2001 JP 2001246141
PI AKIKO TANINAKA, TAKUYA OSAKA, MASASHI MIZOUE, HIDEAKI KATO, ETSURO
                                                                                                                         ·,
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AKIKO TANINAKA, TAKUYA OSAKA, MASASHI MIZOUE, HIDEAKI KATO, ETSURO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PI ORITO,
PI XVUZO UBDA
PC C12Q1/68,C12N15/09,C12Q1/70,G01N33/50,G01N33/53, PC
G01N33/566,
PC G01N33/569/(C12Q1/68,C12R1:93),(C12Q1/70,C12R1:93),C12N15/00,
PC C12N15/00,
PC C12N15/00,
PC L2N15/00,
PC 
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                                                                                                                             Gaps
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BD184515.
BD184515.1 GI:31876715
BD184515.1 GI:31876715

JP 2002360271-A/494.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.
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                                                            Length 20;
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                                                                                                                      2; Indels
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                                                         0.8%; Score 13.8; DB 1;
Similarity 88.2%; Pred. No. 6.6e+02;
L5; Conservative 0; Mismatches 2;
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/db_xref="taxon:32630"
/db xref="taxon:32630"
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synthetic construct
artificial sequences.
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                                                                                                                                                                                                                             19 CTGAAGCAGGAGCTGGA 3
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                                                                                                                      15; Conservative
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Best Local Similarity
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                                                      Query Match
Sest Local S:
Matches 15
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3D183672
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ORGANISM
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DEFINITION
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REFERENCE AUTHORS

ACCESSION VERSION KEYWORDS SOURCE

PD184515

PEATURES

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synthetic construct
synthetic construct
synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 20)

Sing, C., Isin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,
Huang, C., Hau, H., Shi, C., Yeh, C.,
Method and detector for identifying subtypes of human papiloma
NIMG CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence
PN JP 2002360271-A 495
PN JP 2002360271-A/495
PN JP 2002360271-A/49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG HUANG, HAN-CHANG HSU, CHA-
CIZNIS/09, CIZNIS/09,
                                                                                                                                                                                KING CAR FOOD INDUSTRIA TO IT DECEMBER OF A ALTIficial Sequence

No. Artificial Sequence
No. 19 2002360271-A/494

PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595

PR 04-MAY-2001 TW 90110785

PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HAENG LEE.
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C12Q1/70,601N31/54,G1N33/574,G01N33/58,G01N33/00//(C12M1/34,C12R1:93),
PC G01N33/53,G1N33/574,G01N33/50,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HAENG LEE,
SHENG-HSIUNG LEE, XI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-WEN SHI,
CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
C12N15/09, C12N15/09, C12N1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
Method and detector for identifying subtypes of human papiloma Patent: JP 2002360271-A 494 17-DEC-2002;
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Method and detector for identifying subtypes of human papiloma
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2;
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Weill,M., Fort,P., Raymond,M. and Pasteur,N.
Novel acetylcholinesterase gene responsible for insecticide
resistance and applications thereof.
Patent: WO 2004000994-A 123 31-DEC-2003;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                      ce 1..20 /organism='Canis familiaris (dog)'.
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
trive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.8; DB 1; Length 20;
Pred. No. 6.6e+02;
0; Mismatches 2; Indels
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        L Patent: JP 2002530091-A 746 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/746
PD J7-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1999 JP 2000582596
PR 13-NOV
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identification of interesting genes
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synthetic construct
artificial sequences.
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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Canis familiaris
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammaalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (Bases 1 to 20)
Galibert, F. and Andre, C.
Total genome radiation hybrid map of canine genome and its use for
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Novel plasmids for plant transformation and method for using same.
BD192578
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30-JUN-1997 EP 97201990.5
MAARTEN HENDRIK STUIVER, ANNE SILENE PONSTEIN, STEPHAN ANDREAS
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BERNARDUS MARTINUS MARIA DEKKER, SIETSKE HOEKSTRA, HENDRIK PI
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
     /organism="synthetic construct"
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Strandedness: Single;
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Patent: WO 2004003201-A 2018 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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Patent: WO 2004003201-A 335 08-JAN-2004;
Pharmacia Corporation (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="texon:32630"
/note="Human LRH1 antisense"

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|mol_type="unassigned DNA"
|db_xref="taxon:32630"

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Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2;
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Antisense modulation of 1rh1 expression
Patent: WO 2004003201-A 216 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
Antisense modulation of 1rh1 expression
Patent: WO 2004003201-A 147 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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Patent: Wo 2004003201-A 303 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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CQ764809
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             Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
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Pred. No. 6.6e+02;
0; Mismatches 2; Indels
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Patent: WO 2004003201-A 3349 08-JAN-2004;
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Patent: WO 2004003201-A 3222 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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Patent: WO 2004003201-A 3068 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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Sequence 3068 from Patent WO2004003201.
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HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI, PI
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Genetic products differentially expressed in tumors and the use thereof
thereof
Ganymed Pharmaceuticals AG (DE)
Location/Qualifiers
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JP 1999292795-A/60.
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1 (bases 1 to 20)
Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
Patent: JP 1999292795-A 60 26-OCT-1999;
YAMANOUCHI PHARMACEUT CO LTD
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88.2%; Pred. No. 6.6e+02;
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Location/Qualifiers
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Sequence 132 from Patent WO2004047863.
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                                                                                                                                                                                                                                                                          Christensen,C., Lukanidin,E., Olsen,O. and Albrechtsen,M.
Use of compounds capable of inhibiting the proteolytic processingof
semaphorins for prevention, treatment, diagnosis and prognosis of
an invasive disease
Patent: WO 2004006898-A 21 22-JAN-2004;
Sema APS (DK)
                                                                                                                               PAT 04-MAR-2004
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Primers for synthesizing full length cDNA clones and their use Patent: EP 1396543-A 4416 10-MAR-2004;
Research Association for Biotechnology (JP)
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="sema 3C: sense primer"
                                                                                                                      Sequence 21 from Patent WO200400689B.
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Sequence 4416 from Patent EP1396543.
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                                            3 AGGTCTAAGACACAGAC 19
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1 (bases 1 to 20)
Hartley, J.L. and Berninger, M.
Process for controlling contamination of nucleic acid amplification reactions
                     PAT 07-0CT-1996
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Unknown.
Unclassified.
1 (bases 1 to 20)
Van Ooijen.A.J.J., Rietveld,K., Hoekema,A., Pen,J., Sijmons, P.C.
and Verwoerd,T.C.
Expression of phytase in plants
Patent: US 5593963-A 31 14-JAN-1997;
Docation/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

verwoerd, N.J.J., Rietveld, K., Hoekema, A., F

verwoerd, T.C. and Quax, W.J.

Production of enzymes in seeds and their use

Patent: Use 5543576-A 30 06-AUG-1996;

Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2;
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/wol_type="unassigned DNA"
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Location/Qualifiers
                     124550 20 bp 3
Sequence 30 from patent US 5543576.
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Sequence 1 from patent US 5683896.
1772323 1 GI:3008462
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                                                                    20 bp DNA linear PAI 31-JAN-2002
Antihuman Fas humanized antibody-containing antirheumatic.
                                                                                                                                                                                                                               artificial sequences.

1 (bases 1 to 20)

Serizawa, N. Haruyana, H., Takahashi, W., Nakahara, K. and Yonehara, S.

Antihuman Fas humanized antibody-containing antirheumatic

Patent: JP 2000154149-A 42 06-JUN-2000;

SANKYO CO LTD

OS Artificial Sequence

PN JP 2000154149-A/42

PD 06-JUN-2000
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88.2%; Pred. No. 6.6e+02;
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    .20
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 3 from patent US 5538871.
123824.1 GI:1603694
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PI SHIN YONEHARA
PC A61K39/395,A61P
CC RFH Key
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Sequence 13 from patent US 5714474.
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/organism="unknown"
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183683.1 GI:3407213
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Best Local Similarity 88.2
Matches 15; Conservative
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Hartley,J.L. and Berninger,M.
Process for controlling contamination of nucleic acid amplification
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.6e+02;
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Unclassified.
I (bases 1 to 20)
S Becker,J.W. and Stacey,G.
Plant peptide transport gene
AL Patent: US 5689039-A 10 18-NoV-1997;
Location/Qualifiers
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            /organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="unassigned DNA"
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Sequence 10 from patent US 5689039.
175069
175069.1 GI:3011210
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/mol_type="unassigned DNA"
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Sequence 3 from patent US 5683896.
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172325.1 GI:3008464
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Unclassified.

1 (bases 1 to 20)
Van Ooijen,A.J.J., Rietveld,K., Hoekema,A., Pen,J.,
Sijmons,P.Christian., Verwoerd,T.Cornelis. and Quax,W.Johannes.
Production of enzymes in seeds and their use
Patent: US 5714474-A 13 03-PEB-1998;
Location/Qualifiers
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1 (bases 1 to 20)

Hermeking, H., Vogelstein, B. and Kinzler, K.W.
14-3-3.sigma. arrests the cell cycle
Patent: US 6335156-A 12 01-JAN-2002;
                                                                                                                                                                                                                                   0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2;
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Unclassified.
1 (bases 1 to 20)
Bennett, C.Frank. and Cowsert, L.M.
Antisense modulation of talin expression
Patent: US 6372492-A 77 16-APR-2002;
                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 12 from patent US 6335156.
AR181185
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Sequence 77 from patent US 6372492.
AR207183
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Gaps

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Tobase 1 to 20)
Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p40 subunit expression Patent: US 64400BL. 39 10-SEF-2002;
Location/Qualifiers
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Best Local Similarity 88.2
Matches 15; Conservative
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Monia,B.P.
Antisense oligonucleotide inhibition of raf gene expression
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88.2%; Pred. No. 6.6e+02;
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88.2%; Pred. No. 6.6e+02;
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88.2%; Pred. No. 6.6e+02;
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Bennett, C.Frank, and Cowsert, L.M.
Antisense inhibition of Cytohesin-1 expression
Patent: US 6383809-A 66 07-MAY-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
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AR208857
AR208857.1 GI:21510121
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR216036.1 GI:23314324
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1 (Dases I to 20)

1 (Dases I to 20)

Wilson,C.R., Craft,D.L., Eirich,L.D., Eshoo,M., Madduri,K.M.,
Cornett,C.A., Brenner,A.A., Tang,M., Loper,J.C. and Gleeson,M.
Cytochrome P450 monooxygenase and NADPH cytochrome P450
oxidoreductase genes and proteins related to the omega hydroxylase complex of Candida tropicalis and methods relating thereto
Patent: US 6331420-A 47 18-DEC-2001;
                                                                                                                                                                                                                                                        Unknown.
Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Tombran-Tink,J., Chader,G.J., Becerra,S.P., Rodriguez,J.R., Steele,F.R. and Johnson,L.V.
Retinal pigmented epithelium derived neurotrophic factor and methods of use
methods of use
Patent: Us 4511/73.4 9 17-SEP-2002;
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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Sequence 9 from patent US 6451763.
AR231242
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/organism="unknown"
/wol_type="genomic DNA"
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ARZ63716.1 GI:28075664
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3 ACTCCCAGCTGACCTCC 19
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1 (bases 1 to 20)
Hartley, J.L.
Process for controlling contamination of nucleic acid amplification reactions
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1 (bases 1 to 20)

Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
patent: US 637751-A 4109 25-MAR-2003,
Location/Qualifiers
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0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Seguence 357 from patent US 6545137.
AR305403
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Patent: US 6545137-A 357 08-APR-2003;
                                                                                      Patent: US 6518026-A 3 11-FEB-2003;
Location/Qualifiers
                                                                                                                                                  /mol_type="unassigned RNA"
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR292374/c
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Hartley,J.L.
Process for controlling contamination of nucleic acid amplification
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 6.6e+02;
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Pelz,D.T.
Putting trainer
Patent: US 6503152-A 71 07-JAN-2003;
Location/Qualifiers
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Patent: US 6518026-A 1 11-FEB-2003;
Location/Qualifiers
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Sequence 71 from patent US 6503152.
AR271128 41:29702431
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6518026.
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Sequence 1 from patent US
AR280010
AR280010.1 GI;29715199
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                                             1010 AGAGGGGAGAGCTCAAG 1026
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 Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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NR280010/c
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SCURCE
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AR280012/c
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AR271128/c
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Gaps

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1 (bases 1 to 20)
Yoshikawa,Y., Mukai,H., Asada,K., Hino,F. and Kato,I. Cancer-associated genes
Patent: 18 6670119-A 21 30-DEC-2003;
Location/Qualifiers
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1 (bases 1 to 20)
Bech-Hansen, T. and Naylor, M.J.
Retinal calcium channel (alpha) IF-subunit gene Patent: US 6670m 6455-A 7 30-DEC-2003;
Location/Qualifiers
                                                                       Antisense modulation of caspase 6 expression Patent: US 6566135-A 119 20-MAY-2003; Location/Qualifiers
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2;
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2;
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Sequence 21 from patent US 6670119.
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Sequence 7 from patent US 6670465.
AR444785
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/organism="unknown"
/wol_type="genomic DNA"
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/mol_type="genomic DNA"
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               Unknown.
Unclassified.
1 (bases 1 to 20)
Watt,A.T.
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Best Local Similarity 88.2
Matches 15; Conservative
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Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655924-A 1337 06-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)

1 odd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
LDL-receptor
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
iive 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.6e+02;
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 0; Mismatches
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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VERSION KEYWORDS SOURCE

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PAT 02-APR-2001
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                                  Rigal,D., Ghernati,I., Corbine,A. and Darlix,J.L.
Infectious retroviruses from a leukemic dog cell line with
extensive homologies to murine leukemia viruses
Patent: WO 0070024-A 18 23-NOV-2000;
Etablissement Francais du Sang (FR)
Location/Qualifiers
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="PRIMER"
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/wol_type="unassigned DNA"
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Delivery system for antidandruff agent
Patent: WO 0119871-A, 7 22-WAR-2001,
Location/Qualifiers
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Patent: EP 1103271-A 13 30-MAY-2001;
Budev Medical B.V. (NL)
Location/Qualifiers
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AX103377
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Sequence 7 from Patent WO0119871.
AX099836
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1 (bases 1 to 20)
Goddijn,O.J. and Ohl,S.A.
PLASMIDS FOR PLANT TRANSFORMATION AND METHOD FOR USING THE SAME
PRASMIDS FOR PLANT 14-JAN-1999;
GODDIJN OSCAR JOHANNA MARIA (NL); OHL STEPHAN ANDREAS (NL)
Location/Qualifiers
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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Cyclin-dependent protein Kinase
Patent: WO 9835015-A 4 13-AUG-1998;
GERHOLD DAVID L (US); MERCK & CO INC (US)
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/db_xref="taxon:32644"
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Sequence 10 from Patent WO9901563.
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Sequence 4 from Patent W09835015.
AX031148.
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/organism="unidentified"
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1 TTCTCTCTGTCTACCT 17
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DEFINITION ACCESSION VERSION

SOURCE

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48SULT 805 AX331148/C

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RESULT 806 AX776817/c

SOURCE ORGANISM

ACCESSION VERSION KEYWORDS

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PAT 28-AUG-2001

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Wilson, C.R., Craft, D.L., Eirich, L.D., Eshoo, M., Madduri, K.M., Cornett, C.A., Brenner, A.A., Tang, M., Loper, J.C. and Gleeson, M. Cytochrome p450 moncoxygenase and nadph cytochrome p450 oxidoreductase genes and proteins related to the omega hydroxylase complex of Candida tropicalis and methods relating thereto Patent: EP 1148143-A 47 24-OCT-2001;
                                                                                                                                                                                                                  Reske-Kunz, A., Ross, X., Ross, R. and Bros, M.
Regulatory sequence for the specific expression in dendritic cells and uses thereof
Patent: WO 0151631-A 40 19-JUL-2001;
Reske-Kunz, Angelika (DE); Ross, Xiaolan (DE); Ross, Ralf (DE);
Bros, Matthias (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
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88.2%; Pred. No. 6.6e+02;
live 0; Mismatches 2;
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Pred. No. 6.6e+02;
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/mol_type="unassigned DNA"
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/nofe="pxiner"
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/db xref="taxon:32630"
/note="artificial sequence"
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DEFINITION Sequence 47 from Patent EP1148138.
                                                                AX195336 20 bp
Sequence 40 from Patent WO0151631.
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Immunostimulatory nucleic acids
Datent: WO 0122972-A 1019 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical GmbH (DE)
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tive 0; Mismatches 2;
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/db_xref="taxon:32630"
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/mol_type="naxon:32630"
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Sequence 1019 from Patent WO0122972.
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Sequence 18 from Patent EP1061129.
AX139720
AX139720.1 GI:14275303
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 7138 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G.
Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners
Patent: WO 0183749-A 465 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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/db_xref="taxon:32630"
/noTe="Hypothetical Probe Sequence"
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Sequence 465 from Patent WO0183749.
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Patent: EP 1148138-A 47 24-OCT-2001;
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Patent: WO 0196371-A 20 20-DEC-2001;
DeveloGen AG (DE)
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                      1..20 /organism="synthetic construct" /organism="synthetic construct" /mol_type="unassigned DNA" /db xref="taxon:32630" /note="Primer"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                        inflammatory bowel disease
Patent: WO 0178894-A 154 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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Sequence 154 from Patent WO0178894.
AX326958
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Sequence 20 from Patent WO0196371.
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                538 CCCATCITIGACAAGCC 554
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AX326958/c
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VERSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Keith, T. Novel human gene relating to respiratory diseases, obesity, and
                                                                                                 Gaps
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Pred. No. 6.6e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nole="Primer"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
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Patent: WO 0178884-A 94 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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Sequence 47 from Patent EP1162268.
AX322933
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Sequence 94 from Patent WO0178B94.
AX326B98
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TITLE
JOURNAL
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AUTHORS
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Aegilops.
                                            Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                       Cohen, D., Blumenfeld, M., Chumakov, I., Abderrahim, H. and Bihain, B. Obesity associated biallelic marker maps
Patent: WO 0206525-A 555 24-JAN-2002;
GENSET (FR)
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Candida albicans
Eukaryota; Fungi, Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
                                                                                                                                                                                                                                                                      /note="upstream amplification primer 9-24 for SEQ 533"
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Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 430 26-WUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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/organism="Aegilops tauschii"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 430 from Patent EP1217079.
                                                                                                                                                                                                     /organism="Homo sapiens"
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1. 20
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/db_xref="taxon:37682"
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GI:19574619
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Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5188 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US) Location/Qualifiers
                                                                                                                                                                                          0.8%; Score 13.8; DB 1; Length 20; 38.2%; Pred. No. 6.6e+02; ved. No. 6.x 3; Indels
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88.2%; Pred. No. 6.6e+02;
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88.2%; Pred. No. 6.6e+02;
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PAT 04-OCT-2003
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 6.6e+02;
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Patent: BP 1302550-A 466 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
Locarion/Qualifiers
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Sequence 73 from Patent WO03050299.
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Sequence 6 from Patent EP1324044.
AX794323
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AX785565.1 GI:32953185
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Method and detector for identifying subtypes of human papilloma
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King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
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PD 04-APR-2000
PF 24-SEP-1999 JP 1999270165
PR 02-UUN-1989 FR 89/07354,20-SEP-1989 FR 89/12371 PI
MAUNICE NONCANY, LUC MONTAGNIER
PC C12N15/09,AG1K39/21,AG1K48/00,AG1P31/18,CO7H21/04,CO7K14/155,
PC C07K14/16,
PC C12Q1/68,C12Q1/70,G01N33/569,C12N15/00
CC
FH Key Location/Qualifiers
FT Source /organism='Artificial Sequence'.
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INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; (INSERM) (FR) ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR) Location/Qualifiers
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Montagnier,L.
Immunogenic compounds containing a translation product of
nucleotide sequence from retrovirus genome of HIV-1, HIV-2 and SIV
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Patent: JP 2000093187-A 13 04-APR-2000;
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OS Artificial Sequence
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Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (INSERM)
                                                                                                                Chioccia,G., Tourneur,L., Feunteun,J. and Michiels,F.
Fadd proteins, phosphorylated p38-mapk and fasl as tumour markers
Patent: BP 1324644-A 6 02-UUL-2003,
INSTITUT MATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
Location/Qualifiers
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Eadd proteatins, phosphorylated p38-mapk and fasl as tumour markers
Pardente: WO 03056340-A 6 10-JUL-2003;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERN)
(FR); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
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88.2%; Pred. No. 6.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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/mol_type="unassigned DNA."
/mole xref="taxon:32630"
/nofe="primer"
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Sequence 6 from Patent WO03056340.
AX800092
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Sequence 6 from Patent EP1355157.
AX226404.1 GI:40245820
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synthetic construct
artificial sequences.

I (bases 1 to 20)

S Ummura,H., Okui,A., Kominami,K., Yamaguchi,N. and Mitsui,S.

I (bases 1 to 20)

S Ummura,H., Okui,A., Kominami,K., Yamaguchi,N. and Mitsui,S.

Novel serine protease BSSP6

I Patent: WO 0031257-A.20 02-JUN-2000;

RATSUTA KOMINAMI,NOZOMI YAMAGUCHI,SHINICHI WITSUI

OS Artificial Sequence

PN WO 0031257-A/20

PD 02-JUN-2000

PF 19-NOV-1999 WO 19999PR06476

PR 20-NOV-1999 WO 19999PR06476

PR 20-NOV-1999 WO 19999FROM KATSUYA KOMINAMI,NOZOMI YAMAGUCHI,PI SHINICHI MITSUI

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PI CIZINIS/112,CIZUN9/64,CIZUNS/121,COTKI6/40,CIZP21/08, PC
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artificial sequences.

I bases 1 to 20.

E booki, T., Yamashita, S., Nishimura, K., Sagawa, H. and Kato, I.

Therapeutic agents
I Patent: WO 0151480-A 38 19-JUL-2001,
TAKARA SHUZO CO LTD.TATULI ENOKI, SHUSAKU YAMASHITA, KAORI
NISHIMURA, HIROAKI SAGAWA, IKUNOSHIN KATO
OS Artificial Sequence
DN WO 0151480-A 38
DD 19-JUL-2001
DF NO 0151480-A 38
DD 19-JUL-2001
DF NO 0151480-A 38
DD 19-JUL-2001
DF NO 0151480-A 38
DD 19-JUL-201
DF NO 0151480-A 38
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88.2%; Pred. No. 6.6e+02;
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/mol_type="genomic DNA"
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WO 0031257-A/20.
  479 CACTACCAGCTGACATC 495
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BD097079
BD097079.1 GI:22642667
                             CACTACCATCTGACAGC 18
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Best Local 15; Conservative
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PN WO 000
PD WO 001
PF 19-NOV
PN 20-NOV
PI HIDETW
PI SHINIC
PC C12N1:
A01K67/027,
CC G01N3:
CC Design
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JP 2001321190-A/752
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
C12NIS/09,C12NIS/09,C12MI/00,C12Q1/68,G01N33/53,G01N33/566, PC
                                                                                                                                                                                                                                                                                                        CI2NI5/09,CO7K16/40,CI2NI/15,CI2NI/19,CI2NI/21,CI2NS/10,CI2N9/
12,CI2Q1/48,
G01N33/53,CI2NI5/00,CI2NS/00
Strandedness: Single,
Topology: Linear;
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                      Eukaryota; Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: JP 2001321190-A 752 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESBARCH, YUGENKAISHA
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2; Indels
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/organism='Artificial Sequence'
Location/Qualifiers
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06-FEB-1998 JP 1998534922
07-FEB-1997 US 60/037855,14-APR-1997 GB
                                                                                                        Cyclin-dependent protein kinase
Patent: JP 2001511015-A 2 07-AUG-2001;
WERCK & CO INC
PN JP 2001511015-A/2
PD 07-AUG-2001
PF 06-FEB-1998 UP 1998534922
PR 07-FEB-1997 US 60/037855,14-APR-1
DAVID L GERHOLD
PC C12N15/09,C07K16/40,C12N1/15,C12N1/1
PC G01N33/53,C12N15/00,C12N5/00
CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
FH Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of arraying genome clone.
BD088508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2001321190-A/752.
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
                                                                1 (bases 1 to 20)
Gerhold, D.L.
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  Homo sapiens
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OS Artif
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INITION
ESSION
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RGANISM
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UTHORS
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BD141810.1 GI:23236755
WO 0216607-A/58.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
                  BD128200.1 GI:23223145
JP 2002017375-A/3631.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19 TGGACAGGAATGCAGAG 35
                                                                                                                                                                                 OS Unidentified
PN JP 200201737
PD 22-JAN-2002
PF 07-JUL-2000
PI TOSHIO OTA,T
PI SHII,
PI YURI KAMAI,A
SHINICHI KOJIMA,
                                                                           unclassified.
                                            unidentified
unidentified
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                  Koga, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      source
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     ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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VERSION
KEYWORDS
SOURCE
                                                                                     REFERENCE
AUTHORS
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                                                                                                                                            TITLE
JOURNAL
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CO7D309/32,CO7D493/08,A61K31/351,A61K31/357,A61P43/00,A61P43/
111,A61P1/16,
A61P29/00
                                              human GABA(A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent: JP 2002501376-A 329 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
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Bacteria; Chlamydiae; Chlamydiales; Chlamydia.
1 (bases 1 to 20)
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0
                                            Designed primer based on nucleotide sequence of receptor-associated protein mRNA.

Key
                                                                                            /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                   Length 20;
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PD 15-JAN-2002

PF 15-APR-1997 US 60/043553,05-JUN-1997 US

JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES

THOMAS CASKEY, ROGER
                                                                                                                                                                                                 Score 13.8; DB 1;
Pred. No. 6.6e+02;
0; Mismatches 2;
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88.2%; Pred. No. 6.6e+02;
cive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Location/Qualifiers.

    .20
        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"

                                                                                                                                                                                                                                                                                                                                                         DNA

    .20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1435 GAGGATGCCATGAAACA 1451
                                                                                                                                                                                                                                                       917 TGTTCCTGTTCCAGCTG 933
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                                                                                                                                                                                                   0.8%;
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Kev
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Novel LDL-receptor
                                                                                                                                                                                                                              15; Conservative
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A61K48/00
                                                                                                                                                                                                                                                                                                                                                                                                                          Chlamydia sp.
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Best Local Similarity
Matches 15; Conserv
                                                                                      source
                                                                                                                                                                                                                Similarity
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     S S S S E E E
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Best Local S:
Matches 15,
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BD128200
                                                                                                                                source
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ACCESSION
VERSION
KEYWORDS
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RD106314/C
LOCUS
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JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE
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                                                                                                                  PEATURES
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PAT 18-SEP-2002

CCUS BD128200 20 bp DNA linear PAT 1 DEFINITION Primer for synthesizing full-length cDNA and use thereof.

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PC C12P21/02,C12Q1/68/C12P21/08,G06F17/30,C12N1/21,C12N5/PC Bescription of Artificial Sequence: an artificially CC sequence Sequence an artificially CC sequence FH Key Location/O.--
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                                                                                                                                                                                        Unidentified
JP 2002017375-A/3631
22-JAN-2002
07-JUL-2000
JP 2000253172
TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Key
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YASUKO TERAO,YASUSHI SHINTANI
Cl2N15/11,C07K14/47,Cl2N5/10,C07K14/705,G01N33/50,G01N33/15,
                                                                                                                                                                                                                                                                                                                                                        YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Terac, Y. and Shintani, Y.

Novel G protein coupled receptor protein and its DNA.

Novel G protein coupled receptor protein and its DNA.

L Patent: WO 0216607-A 58 28-FEB-2002;

TAKEDA CHEMICAL INDOFFRIES LTD, YASUKO TERAO, YASUSHI SHINTANI
OS Artificial Sequence
PN WO 0216607-A/58
PP 23-AUG-2001 WO 2001JP007209
PF 23-AUG-2000 JP DOP 253862
PF 24-AUG-2000 JP DOP 253862
PI YASUKO TERAO, YASUSHI SHINTANI
PC C12N15/11, C07K14/47, C12N5/10, C07K14/705, G01N33/50, G01N33/15
PC A12E21/02.
PC A61K38/17, A61P1/00
CC Novel G protein coupled receptor protein and its DNA FH K
1 (bases 1 to 20)
Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                    Prigation for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3631 22-JAN-2002; HELIX RESEARCH INSTITUTE
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.8; DB 1;
ilarity 88.2%; Pred. No. 6.6e+02;
Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
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/db_xref="taxon:32644"
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Yano,M. and Yamanouchi,U.
Gene Sp17 regulating lesion formation in plant and utilization
Patent: WO 0233092-A 10 25-APR-2002;
NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES,MASAHIRO YANO, UTAKO
                                                                                                                                                                                                                 OS Attificial Sequence
N MO 0233092-A/10
PD 25-APR-2002
PF 18-OCT-2000 WO 2001JP009153
PF 18-OCT-2000 JP 0DP 318557
PI MASAHIRO YANO, UTAKO YANANOUCHI
PC C12N15/29, C12N5/14, C07K14/415, C07K16/16, A01H5/00 CC
Description of Artificial Sequence:an artificially synthesized
CC sequence Primer
CC Sequence Primer
CC T Sequence Primer
CC Sequence Primer
FT Source Location/Qualifiers
FT Source Corporation Companies Corporation Companies Corporation Cor
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1 (bases 1 to 20)
Otaki,T., Masuda,Y., Takatsu,Y., Watanabe,T., Terao,Y., Shintani,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA
CO7KK4/47, CO7KL4/705, C12N15/12, C12P21/02, C07KL6/18, A61K67/027,
C12N5/10,
G01N33/15, G01N33/50, A61P1/00
DNA primer, RBv8 "WR2 primer
Key
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Novel phisiological active peptide and its use
Patent: WO 02062944-A 30 IS-AUC-2002,
TAKEDA CHEMICAL INDUSTRIES ITD.TETSUYA OTAKI YASUSHI MASUDA,
YOSHIHIRO TAKATSU,TAKUYA WATANABE,YASUKO TERAC,YASUSHI SHINTANI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Artificial Sequence
WO 02062944-A/30
15-AUG-2002
01-FEB-2002 WO 2002JP000852
01-FEB-2001 JP 01P 026820
TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 13.8; DB 1; Length 20; Best Local Similarity 88.2%; Pred. No. 6.6e+02; Matches 15; Conservative 0; Mismatches 2; Indels
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Novel phisiological active peptide and its use.
BD174283
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/organism="synthetic construct"

    .20
    /organism="synthetic construct"

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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              379 TCAGCCACGTCCTCGGA 395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BD174283.1 GI:28415645
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synthetic construct
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1 (Dases 1 to 20)
Yano, M. and Yamauchi, U.

Rene Spi7 inhibiting lesion formation in plant and utilization
Patent: JP 2002125672-A 10 08-MAY-2002;
DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES
MINISTRY OF AGRICULTURE FORESTRY AND FISHERIES
OS ARTIFICIAL Sequence
By JP 2002125672-A/10

PD 08-MAY-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

    .20
    /organism="synthetic construct"
/mol_type="genomic DNA"
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MASAHIRO YANO, UTAKO YAMAUCHI
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JP 2002125672-A/10.
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Synthetic construct DNA, reverse primer for human STS sts-stSG28879
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                                                                                                                                                                                                                                                                                                                                                                         Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K., Matanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (B-mail:horii@mail.cc.tchoku.ac.jp,
Tel:81-22-777-8042, Fax:81-22-717-8047)
                                                                               Gaps
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Genomics 74 (1), 55-70 (2001)
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88.2%; Pred. No. 6.6e+02;
tive 0; Mismatches 2;
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(Dases 1 to 21)
Lehle, L.P., Lehnert, K.D. and Kopetzki, E.D.
Yeast strains with impaired N-glycosylation
Patent: EP 0592244-A 9 09-FEB-1994;
BOEHRINGER MANNHEIM GMBH (DE)
                                                                                                        0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 7.1e+02;
cive 0; Mismatches 2;
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Best Local Similarity 88.2%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 2;
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Other publication AV 657230 950302
Other publication AV 4435493 940224
Other publication CA 2103522 940208
Other publication RZ 248323 941222
Other publication RZ 9305719 950206
Other publication FI 933487 940208
Other publication NO 932811 940208
Other publication DE 4301932 940210.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: WO 9104315-A 23 04-APR-1991;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
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Sequence 9 from Patent EP0582244.
A36688
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artificial sequences.
1 (bases 1 to 21)
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Best Local Similarity 88.2°
Matches 15; Conservative
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PAT 16-MAY-2001
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                           PAT 05-DEC-1998
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1 (bases 1 to 21)
Ralph,D., An,G., O'Hara,S.Mark. and Veltri,R.
Diagnosis of disease state using MRNA profiles in peripheral leukocytes
Patent: US 6190857-A 15 20-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 21)
Janjic,N., Gold,L. and Tasset,D.
High affinity ligands of basic fibroblast growth factor and thrombin
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                                                                                                                                                                                                                                                                               Length 21
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Lehle, L., Lehnert, K. and Kopetzki, E.
Yeast host strains with defects in N-glycosylation
Patent: US 5798226-A 9 25-AUG-1998;
Location/Qualifiers
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88.2%; Pred. No. 7.1e+02;
tive 0; Mismatches 2;
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Location/Qualifiers
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Seguence 390 from patent US 6177557.
AR126048
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Sequence 15 from patent US 6190857.
AR130446.1 GI:14118771
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
                        21 bp
Sequence 9 from patent US 5798226.
AR025282.
AR025282.1 GI:3977910
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Best Local Similarity 88.23
Matches 15; Conservative
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A CHEMOKINE RECEPTOR ABLE TO BIND TO MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
Patent. WO 9623068-A 9 01-AUG-1996;
GLAKO GROUP LID (GB)
Other publication AU 4455896 960814.
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88.2%; Pred. No. 7.1e+02;
tive 0; Mismatches 2; Indels
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unidentified
unclassified.

1 (bases 1 to 21)
KOPETAKI, E. and Lehnert, K.
HYPOGLYCOSTLATED RECOMBINANT GLUCOSIDASE OXIDASES
PATENT: WO 9403608-A 9 17-FEB-1994;
BOEHRINGER MANNHEIM GMBH (DE)
Other publication DF 7506260T 950713.
Location/Qualifiers
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 0.8%; Score 13.8; DB 1; Length 21; 88.2%; Pred, No. 7.1e+02;
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/db_xref="taxon:32644"
                                0; Mismatches
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Sequence 9 from Patent WO9623068.
A52402
A52402.1 GI:2851964
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Sequence 9 from Patent WO9403608.
A37126
A37126.1 GI:2294291
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Mirel, D.B., Erlich, H.A., Bugawan, T.L., Noble, J.A. and Valdez, A.M. Detection of susceptibility to autoimmune diseases, especially type 1 diabetes
Patent: EP 1405921-A 18 07-APR-2004;
Roche Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG (CH)
Location/Qualifiers
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Patent: EP 1405921-A 45 07-APR-2004;
Roche Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG (CH)
Location/Qualifiers
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/db_xref="taxon:32630"
/note="Description of artificial sequence: Hybridization
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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/db_xref="texon:12650"
/noTe="Description of artificial sequence: Probe
identify IL4R polymorphisms"
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88.2%; Pred. No. 7.1e+02;
trive 0; Mismatches 2;
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88.2%; Pred, No. 7.1e+02;
ative 0; Mismatches 2;
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Sequence 45 from Patent EP1405921.
Sequence 18 from Patent EP1405921.
CQ796046
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Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar.
Selenoproteins, coding sequences and methods
Patent: US 6303295-A 128 16-OCT-2001;
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0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 7.1e+02;
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88.2%; Pred. No. 7.1e+02;
tive 0; Mismatches 2;
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Olafsdottir,B.Ran. and Gulcher,J.
Human narcolepsy gene
Patent: US 6319710-A 3 20-NOV-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="unassigned DNA"
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     Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
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Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,
Manos, M. Michele., Resnick, R.M. and Zhang, T.Yi.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5639871-A 142 17-UUN-1997;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Koperzki, E. and Lehnert, K.
Hypoglycosylated recombinant glucose oxidases
Patent: US 5602018-A 9 11-FEB-1997;
Location/Qualifiers
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Sequence 10380 from patent US 6537751.
AR298645.1 GI:31685929
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Sequence 142 from patent US 5639871.
147479
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Sequence 9 from patent US 5602018.
135666
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/organism="unknown"
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1 (bases 1 to 21)

1 (bases 1 to 21)

Bauer, H.M., Gravitt, P.E., Greer, C.E., Manos, M.Michele.,
Resnick, R.M. and Zhang, T.Y.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5527898.A 142 18-JUN-1996;
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88.2%; Pred. No. 7.1e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 7.1e+02;
0; Mismatches 2;
                         Steidler, L. and Neirynok, S.
Mutant proteins with increased secretion
Patent: WO 2004056850-A 40 08-JUL-2004;
VIB vzw (BE); UNIVERSITEIT GENT (BE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                              DNA
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Seguence 142 from patent US 5527898.
122654
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 15 from patent US 5451512.
114538
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PAT 17-AUG-2003
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Pasternak, G. and Pan, Y.-X.
Identification and characterization of multiple splice variants of the Kappa3-related opioid receptor (KOR-3) gene
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18.2%; Pred. No. 7.1e+02;
ve 0; Mismatches 2; Indels
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Hayden,M.R., Brooks-Wilson,A.R. and Pimstone,S.N.
Process for identifying modulators of ABC1 activity
Patent: US 6617122-A 171 09-SEP-2003;
Location/Qualifiers
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1 (bases 1 to 21)
Dattagupta, Nucleic acid hairpin probes and uses thereof
Patent: US 6596490-A 1 22-JUL-2003;
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88.2%; Pred. No. 7.1e+02;
ve 0; Mismatches 2;
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Sequence 1 from patent US 6596490.
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AR360413.1 GI:33767443
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Dattagupta N. and Tseng, T.-C.
Mathods and compositions for analyzing nucleotide sequence mismatches using Rwase H
Patent: US 6596489-A 1 22-UUL-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                             Unknows...
Unclassified.
1 (bases i to 21)
Cohen.D., Chumakov.I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 11492 25-MAR-2003;
Location/Qualifiers
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: 10.537751-A 10380 25-WAR-2003;
Location/Qualifiers
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AR360386
AR360386.1 GI:33767416
                                                                                1. .21
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/note="nucleic acid primers based on human mRNA sequence"
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Homo sapiens
Eukaryots, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0115676-A 203 08-MAR-2001;
University of Entish Columbia (CA); Xenon Genetics Inc. (CD) incertion/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 13.8; DB 1; Length 21; 88.2%; Pred. No. 7.1e+02; tive 0; Mismatches 2; Indels
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 2;
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/db xref="taxon:32630"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Patent: WO 0114555-A 3 01-MAR-2001;
Decode Genetics BHF. (1S)
Location/Qualifiers
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Sequence 203 from Patent W00115676.
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Sequence 77 from Patent W00118250.
AX094899.1 GI:13511102
         Sequence 3 from Patent W00114555.
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synthetic construct
artificial sequences.
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Pasternak, G. and Pan, Y.-X.
Identification and characterization of multiple splice variants of the Kappa3-related opioid receptor (KOR-3) gene
Patent: US 6627734-A 2.5 30-SEP-2003;
Location/Qualifiers
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Patent: US 6627734-A 21 30-SEP-2003;
Location/Qualifiers
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Sequence 25 from patent US 6627734.
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/organism="unknown"
/wol_type="genomic DNA"
                                                    /organism="unknown"
/mol_type="genomic DNA"
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AR404134.1 GI:40152158
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Best Local Similarity 78.9%; Pred. No. 7.1e+02;
Matches 15; Conservative 1; Mismatches 3;
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Sequence 3026 from Patent WO0129262.
AXII7903.1 GI:14034854
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/db_xref="taxon:32630"
/noTe="Primer"
                     1. .21
/organism="Homo sapiens"
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     Location/Qualifiers
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AX097124.1 GI:13513399
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Matches 15; Conserv
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AX097124/c
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AX117903/c
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   FEATURES
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
l Lander, E. S., Gargiii....
Mccarthy, J.J.
Mccarthy, J.J.
Single nuclectide polymorphisms in genes
Sangle nuclectide polymorphisms in genes
Patent: WO 0118250-A 77 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1150 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1498 15-MAR-2001;
WHITEREAD INSTITUTE POR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Seguence 1498 from Patent WO0118250.
AX096320
                                                                                                                                       1. .21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX095972
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AX096320/c
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PAT 30-MAR-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                           Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2302 15-MAR-2001,
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 21;
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0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
linear
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PAT 14-JUN-2002
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/organism="synthetic construct"
/organism="synthetic bNA"
/mol_type="unassigned bNA"
/db xref="traxon:32630"
/db xref="traxon:32630"
/noTe="Artificially synthesized primer sequence, 136H."
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                                                                                                                                                                                                            Tsuji,T., Tezuka,K. and Hori,N.
Human monoclonal antibody against a costimulatory signal
Hransduction molecule ailim and pharmaceutical use thereof
Patent: WO 0187981-A 9 22-NOV-2001;
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/organism="synthetic construct"
/or_Lype="unassigned DNA"
/db xref="taxon:32630"
/note="Antisense Oligonukleotid"
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ilarity 88.2%; Pred. No. 7.1e+02;
Conservative 0; Mismatches 2;
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Sequence 371 from Patent W00224747.
AX404545.
AX404545.1 GI:21437826
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Sequence 28 from Patent EP1182206.
AX384656
Sequence 9 from Patent WO0187981.
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Location/Qualifiers
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                                     ACCESSION
                                                        VERSION
KEYWORDS
SOURCE
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human monoclonal antibody against a costimulatory signal
transduction molecule ailim and pharmaceutical use thereof
Patent: EP 1158004-A 9 28-NOV-2001;
Japan Tobacco Inc. (JP)
Location/Qualifiers
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Human single nucleotide polymorphisms
Patent: WO 0138776-A 249 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 9 from Patent EP1158004.
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Brinkmann, U. and Hoffmeyer, S.
Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 371 28-WAR-2002;
Epidauros Biotechnologie AG (DE)
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 372 28-WAR-2002;
Epidauros Biotechnologie AG (DB)
Location/Qualifiers
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Nucleic acid hairpin probes and uses thereof
Patent: WO 0206531-A 1 24-JAN-2002;
Applied Gene Technologies, Inc. (US)
Location/Qualifiers
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88.2%; Pred. No. 7.1e+02;
iive 0; Mismatches 2;
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/organism="synthetic construct"
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/note="artificial sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="artificial sequence"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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11-4 receptor sequence variation associated with type 1 diabetes
Patent: WO 03010335-A 45 06-FEB-2003;
Roche Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG (CH)
Location/Qualifiers
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88.2%; Pred. No. 7.1e+02;
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88.2%; Pred. No. 7.1e+02;
iive 0; Mismatches 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="hybridization probe"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PLN 23-JUL-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AJ495641.1 GI:21739083
microRNA MIR165a; MIR165a gene; miRNA.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                              Artificial Sequence
UP 2002034581-A/9
05-FEB-2002
30-MAR-2001 UP 2001099508
TAKASHI TSUJ, KATSUNARI TEZUKA, NOBUAKI HORI
C12N15/09,A61K31/7088,A61K38/00,A61K39/395,A61K39/395,A61K45/
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Direct Submission
Submitted (25-JUN-2002) Bartel D.P., Biology, MIT and Whitehead
                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
I (bases I to 21)
Tsuji,T., Tezuka,K. and Hori,N.
Human monoclonal antibody against constimulation transducer
molecule AlilM and medicinal utilization thereof
Patent: JP 2002034581-A 9 05-FEB-2002;
                                                      Human monoclonal antibody against constimulation transducer molecule AILIM and medicinal utilization thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Reinhart, B.J., Weinstein, E.G., Rhoades, M.W., Bartel, B. and Bartel, D.P.
MicroRNAs in plants
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88.2%; Pred. No. 7.1e+02;
tive 0; Mismatches 2; Indels
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                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sequence, 136H.

Key Location/Qualifiers

primer bind (1). (21).

Location/Qualifiers
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                                                                                                                           BD131227.1 GI:23226172 JP 2002034581-A/9.
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OS Artificial Seq
PN 05-FEB-2002
PP 30-MAR-2001 JP
PI TAKASHI TSUJI,
PC 00,A61P87/09,
PC 461P43/00,A61P
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Best Local Similarity
Matches 15; Conserv
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RESULT 889
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                                                            DEFINITION
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AUTHORS
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Siften, R.P. and Simon, D.B.

(S liften, R.P. and Simon, D.B.

Method to diagnose and treat pathological conditions resulting from deficient ion transport

AL Patent: UP 2001508291-A 43 26-UUN-2001;

YALE UNIVERSITY
OS Artificial Sequence
PN JP 2001508291-A/43
PP 3001508291-A/43
PP 31-DEC-1997 UP 1998530123
PP 31-DEC-1996 US 08/778052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Method to diagnose and treat pathological conditions resulting from ED056586
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PI RICHARD P LIFTON, DAVID B SIMON
C12N15/09, C07X14/435, C07K16/00, C12N1/15, C12N1/19, C1
C12N5/10,
PC C12P21/02, C12Q1/68, G01N33/53, C12N15/00, C12N5/00 CC
for analysis of human TSC gene
FR Key
Location/Qualifiers.
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llarity 88.2%; Pred. No. 7.1e+02;
Conservative 0; Mismatches 2; Indels
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                            linear
                                                                                                                                                                                                            Young, D.B., Stewart, G.R. and O'Gaora, P.C. Mycobacterial vaccines Patent: WO 0267982-A 15 06-SEP-2002; Imperial College Innovations Limited (GB) Location/Qualifiers

    .21
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/organism="synthetic construct"
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                          AX839864 21 bp
Sequence 15 from Patent WO0267982.
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synthetic construct
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synthetic construct
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Query Match Sest Local Similarity Matches 15; Conserv

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/note="ICAM"
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Matches 16; Conservative
                                                                                                                                                          unclassified.
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unidentified
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               A42360/c
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A44399/c
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microRNA MIR165b; MIR165b gene; miRNA.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana (arabidopsis thaliana (arabidopsis thaliana)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                     /product="microRNA MIR165a"
/note="from precursor transcript that includes 101nt RNA
segment containing the microRNA at the 3' end"
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/note="from precursor transcript that includes 136nt RNA
segment containing the microRNA at the 3' end"
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Submitted (25-JUN-2002) Bartel D.P., Biology, MIT and Whitehead
Institute, 9 Cambridge Center, Cambridge, MA, 02142, USA
Location/Qualifiers
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, 9 Cambridge Center, Cambridge, MA, 02142, USA Location/Qualifiers
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88.2%; Pred. No. 7.1e+02;
ve 0; Mismatches 2; Indels
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                               1. .21
/organism="Arabidopsis thaliana"
/organism="other RNA"
/db zre="taxon:3702"
/chromosome="1"
/note="ecotype: Columbia"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1. .21
/organism="Arabidopsis thaliana"
/mol_type="other RNA"
/db_xref="taxon:3702"
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Genes Dev. 16 (13), 1616-1626 (2002)
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                                                                                                                                                      /gene≃"MIR165a"
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Best Local Similarity
Watches 15; Conserv
   Institute,
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VERSION
KEYWORDS
SOURCE
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                 FRATURES
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1 (bases 1 to 20)
Uhlmann, E. and Meier, C.
METHYLPHOSPHONIC ACID ESTER, PROCESS FOR PREPARING THE SAME AND ITS
       PAT 05-MAR-1997
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
I (Dases I to 20)
Peyman, A.D., Uhlmann, E.D., Mag, M., Kretzchmar, G.D., Helsberg, M.D. and Winkler, I.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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Patent: EP 0653439-A 29 17-MAY-1995;
HOECHST AG (DE)
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Other publication CA 2165971 950112
Other publication NO 955352 960214
Other publication AU 7073594 950124
Other publication DE 4321946 950112.
Location/Qualifiers
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HOECHST AG (DE)
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Other publication AZ 2135591 950513
Other publication AZ 7779994 950518
Other publication DE 4338704
Location/Qualifiers
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Sequence 29 from Patent EP0653439.
A44399.1 GI:2299228
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Sequence 20 from Patent W09501363.
A42360
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                                                                                                                                                                                                                                                                                            TEAMILY OF ORGANIC ANION TRANSPORTERS, NUCLEIC ACIDS ENCODING THEM, CELLS COMPRISING THEM AND METHODS FOR USING THEM PALENTE, WO 9731111-A 15 28-AUG-1997, INTROGENE BV (NL)
Other publication AU 1736697 19970910.
Location/Qualifiers
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Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
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1 (bases 1 to 20)
Peyman,A.D. and Uhlmann,E.D.
G-CAP STABILIZED OLIGONUCLEOTIDES
Patent: EP 0726274-A 21 14-AUG-1996;
HOECHST AG (DE)
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Sequence 21 from Patent EP0726274.
A80375.
A80375.1 GI:6093102
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Seela, F.P. and Lampe, S.D.
Patent: FP 0680969-A 25 08-NOV-1995;
HOECHST AG (DE)
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Other publication CZ 9600743 961016
Other publication FN 313207 960916
Other publication PF 313207 960916
Other publication OF 8259579 961008
Other publication CA 2171589 960916
Other publication A 2171589 960914
Other publication DE 1950823 960926
Other publication DE 1950823 960926
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Other publication AU 1778295 951109
Other publication DE 4415370 951109.
Location/Qualifiers
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Sequence 25 from Patent EP0680969.
A47182.
A47182.1 GI:2301224
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Sequence 21 from Patent BP0739898.
A56654
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Kamb,A.
Probes for MTS1 gene and polynucleotides encoding mutant MTS1 genes
Patent: US 5801216-A 29 01-SEP-1998;
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(bases 1 to 20)

Dalbo. slashed.ge,H., Christgau,S., Andersen,L.Nonboe.,

Kofod,L.Venke. and Kauppinen,M.Sakari.

DNA encoding an enzyme with endoglucanase activity from Trichoderma
                                                                                                                                PAT 29-SEP-1999
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Location/Qualifiers
  0; Mismatches
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Sequence 29 from patent US 5801236.
AR037519
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Sequence 14 from patent US 5817499.
AR044567
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1 (bases 1 to 20)
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AR062615/c
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1 (bases 1 to 20)
Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences for antisense targeting Patent: US 5556103-A 15 05-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences for antisense targeting
Patent: US 5856103-A 12 05-JAN-1999;
Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
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Patent: US 5739027-A 29 14-APR-1998;
Location/Qualifiers
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Sequence 15 from patent US 5856103.
AR026552
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 12 from patent US 5856103.
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/organism="unknown"
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AR026549.1 GI:5937389
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AR026549/c
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AR026552/c
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Evans,G.A. and Smith,M.W.
Method for generation of sequence sampled maps of complex genomes
Patent: US 5851760-A 744 22-DEC-1998;
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Monia, B.P. and Boggs, R.T.
Antisense oligonucleoride modulation of raf gene expression
Patent: US 5952229.A 11 14-SEP-1999;
Location/Qualifiers
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tive 0; Mismatches 4; Indels
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Unclassified.
1 .(bases 1 to 20)
Dean,N.W., McKay,R., Miraglia,L. and Baker,B.
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Sequence 744 from patent US 5851760.
AR067396.1 GI:5998618
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 11 from patent US 5952229.
AR073942.1 GI:10000702
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AR086199
AR086199.1 GI:10012965
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/organism="unknown"
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Best Local Similarity 80.03
Matches 16; Conservative
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Best Local Similarity 80.0
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AR073942/c
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AR086199/c
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Sim,K.Lee., Chitnis,C., Miller,L.H., Peterson,D.S., Su,X.-Z. and Walleme,T.T.E.
Binding domains from Plasmodium vivax and Plasmodium falciparum erythrocyte binding proteins
Patent: US 5849306-A 24 15-DEC-1998;
Location/Qualifiers
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M Unknown.
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E 1 (bases 1 to 20)

KS Bennett, C.Frank. and Mirabelli, C.K.

Oligomuclectide modulation of cell adhesion
Oligomuclectide modulation of cell adhesion
Location/Qualifiers

Location/Qualifiers
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Stone,S., Jiang,P. and Kamb,A.
Mouse MTSI gene
Patent: US 5843756-A 29 01-DEC-1998;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 24 from patent US 5849306.
AR064711
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Sequence 29 from patent US 5843756.
AR062799
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Sim, K.Lee., Chitnis, C., Miller, L.H., Peterson, D.S., Su, X.-Z. and
Wellems, T.E.
Binding domains from plasmodium vivax and plasmodium falciparum
erythrocyte binding proteins
Patent: US 5993827-A 36 30-NOV-1999;
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Skolnick, M.H., Cannon-Albright, L.A. and Kamb, A.
Methods for detecting predisposition to cancer at the MTS gene
Patent: US 5989815-A 29 23-NOV-1999;
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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        inibition of c-Jun and c-Fos
Patent: US 5985558-A 20 16-NOV-1999;
Location/Qualifiers
                                                      1. .20
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Sequence 36 from patent US 5993827.
AR089168
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/organism="unknown"
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Best Local Similarity 55.6
Matches 10; Conservative
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Unclassified.
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Matches 16
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AR087877/c
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AR089168
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1 (bases 1 to 20)

Bennett, C.Frank., Mirabelli, C.K. and Baker, B.
Antisense modulation of cell adhesion molecule expression and
Lreatment of cell adhesion molecule-associated diseases
Patent: US 6096722-A 15 01-AUG-2000;
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Pred. No. 7.2e+02;
0; Mismatches 4; Indels
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Pred. No. 7.2e+02;
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         DNA
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MTS2 gene
Patent: US 5994095-A 29 30-NOV-1999;
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Bennett, C.Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell ac
Patent: US 6093811-A 15 25-UUL-2000;
Location/Qualifiers
20 bp 1
Sequence 29 from patent US 5994095.
AR091347
AR091347.1 GI:10018102
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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AR105540
AR105540.1 GI:12819137
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PAT 16-MAY-2001
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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1 (bases 1 to 20)

Bennett, C.Frank. and Mirabelli, C.K.

Bolisoucleotide inhibition of cell adhesion

Patent: US 6169079-A 15 02-JAN-2001;

Location/Qualifiers
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Kamb, A.
Antibodies specific for MTS2 Polypeptide
Patent: US 6140473-A 29 31-OCT-2000;
Location/Qualifiers
                                                                                                                            Unclassified.

1 (bases 1 to 20)
Taylor,/K. and Cowsert,L.M.
Antisense inhibition of bcl-6 expression patent: US 6140125-A 41 31-OCT-2000;
Location/Qualifiers
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                  DNA
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Sequence 15 from patent US 6169079.
AR123202.
AR123202.1 GI:14108168
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           20 bp
Sequence 41 from patent US 6140125.
AR117644
AR117644.1 GI:14098550
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Sequence 29 from patent US 6140473.
AR118053.1 GI:14098959
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AR118053/c
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AR123202/c
LOCUS
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Peyman, A., Uhlmann, E., Breipohl, G. and Wallmeier, H.
Phosphonomonoester nucleic acids process for their preparation and their use
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Monia,B.P., Gaarde,W.A., Nero,P.S. and McKay,R.
Antisense modulation of P38 mitogen activated protein kinase
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                                                                                  uery Match 0.8%; Score 13.6; DB 1; Length 20; est Local Similarity 80.0%; Pred. No. 7.2e+02; latches 16; Conservative 0; Mismatches 4; Indels
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Patent: US 6140124-A 75 31-OCT-2000,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent: US 6127346-A 21 03-OCT-2000;
Location/Qualifiers
1. .20
/organism="unknown"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 75 from patent US 6140124.
AR117583.1 GI:14098489
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Sequence 21 from patent US 6127346.
AR111778
                                                  /mol_type="unassigned DNA"
     iocation/Qualifiers
                                     /organism="unknown"
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Aatches 16; Conservative
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Unclassified.
1 (bases I to 20)
Kamboj.R. and Nutt.S.
Glutamate receptor (or EAA receptor) polynucleotides and their uses
Patent: US 6136544-A 30 24-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                          PAT 16-JUN-2001
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                 Unknown.
Unknown.
Unclassified.

1 (bases 1 to 20)
Gray, D.M. and Clark, C.L.
Apparatus and method for selectively ranking sequences for antisense targeting
Patent: US 6183966-A 15 06-FEB-2001;
Location/Qualifiers
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im Unknown.
Unclassified.
if 1 (bases 1 to 20)
if Bean,N.W. and Marcusson,E.G.
if Attisense inhibition of Fas mediated signaling
if Patent: US 6204055-A 39 20-MAR-2001;
Location/Qualifiers
if 20
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
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80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4;
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Sequence 30 from patent US 6136544.
AR135662. GI:14476334
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AR143147
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Best Local Similarity 80.0.
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Gray,D.M. and Clark,C.L.
Apparatus and method for selectively ranking sequences for antisense targeties targeties.
Patent: US 6183966-A 12 06-FEB-2001;
Location/Qualifiers
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       Query Match 0.8%; Score 13.6; DB 1; Length 20; Best Local Similarity 80.0%; Pred. No. 7.2e+02; Matches 16; Conservative 0; Mismatches 4; Indels
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Patent: US 6180776-A 29 30-JAN-2001;
Location/Qualifiers
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Sequence 12 from patent US 6183966.
AR128997
AR128997.1 GI:14116659
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AR127772
AR127772.1 GI:14114367
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Sequence 15 from patent US 6183966.
AR129000 AR129000.1 GI:14116662
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 80.05
Matches 16; Conservative
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Query Match 0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
Uhl,G.R., Eppler,C.Mark, and Wang,J.-B. Mu-subtype opioid receptor Patent: US 6225080-A 4 01-MAY-2001;
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/organism="unknown"
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                                       Location/Qualifiers
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Patent: US 6218146-A 29 17-APR-2001;
Location/Qualifiers
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Sequence 29 from patent US 6218146.
AR145940
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Seguence 29 from patent US 6210949.
AR144939
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Sequence 4 from patent US 6225080.
AR148259
AR148259.1 GI:15112349
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/organism="unknown"
                    1659 CACCCTCACAGGGCAGCCC 1678
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Unknown...
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1 (bases 1 to 20)
Bucala,R.J., Chesney,J.A. and Mitchell,R.A.
Inducible phosphofructokinase and the warburg effect
Inducible phosphofructokinase and the warburg effect
Patent: US 6255046-A 2 03-UUL-2001;
Location/Qualifiers
                                                                                                                                                          Unclassified.

1 (Dases 1 to 20)

Bucala,R.J., Chesney,J.A. and Mitchell,R.A.

Inducible phosphoEructokinase and the warburg effect
Patent: US 6255046-A 1 03-JUL-2001;
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 6255046.
AR160173
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Sequence 2 from patent US 6255046.
AR160174
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1 (bases 1 to 20)
Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense Oligonucleotide compositions and methods for the modulation of activating protein 1
Patent: US 6312900-A 20 06-NOV-2001;
Location/Qualifiers
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                                                                                                                1 (bases 1 to 20)
Monia, B.P., Butler, M.M. and Wyatt, J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 74 07-AUG-2001;
Location/Qualifiers
                                                                                                                                                                                                                                   0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                 DNA
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Peyman,A., Uhlmann,E. and Carolus,C.
3 modified oligonucleotide derivatives
Patent: US 6326487-A 21 04-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DNA
                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
             ARI63876 20 bp
Sequence 74 from patent US 6271030.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AKI79818 20 bp 1
Sequence 21 from patent US 6326487.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="unassigned DNA"
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Sequence 20 from patent US 6312900.
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/organism="unknown"
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AR176765.1 GI:17919120
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AR179818.1 GI:20221373
                                                  AR163876.1 GI:16234671
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16; Conservative 0
                                                                                                                                                                                                                                                             16; Conservative
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                                                                                         Unknown.
Unclassified.
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Unclassified.
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Best Local Similarity
Matches 16; Conserv
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                                        AR163876
                                                                             Unknown.
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AR176765/c
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                         CHFINITION
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AR163876/c
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VERSION
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JOURNAL
FRATURES
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AUTHORS
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YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tartificial sequence.

1 (bases 1 to 20)

Harlin,M.C.C., Lambert,J.C. and Amouyel,P.

Marchof for diagnosing Alzheimer's disease

Patent: JP 2002510375-A 6 09-APR-2002;

INSTITUT PASTEUR DE LILLE, INSTITUT NATIONAL DE LA SANTE ET DE LA

PREHERCHE MEDICALE
OS Arrificial Sequence
PN JP 2002510375-A/6

PD 59-APR-2002
                                                                                                               Gaps
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switchetic construct
artificial sequences.

E 1 (bases 1 to 20)
S Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.
A method for snp typing
L Patent: JP 2002300894-A 20 15-OCT-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
RN JP 2002300894-A/20
PD 15-OCT-2002
PF 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA,TOSHIHIRO TANAKA,YOZO ONISHI,KOICHI OZAK
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80.0%; Pred. No. 7.2e+02;
Live 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                           linear
                                                                                                             Indels
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PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence:Primer
FH Key Location/Qualifiers
1...20
FT source //organism='Artificial Sequence:Primer
//organism='Artificial Sequence:Primer
                                                              Score 13.6; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 4;
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BD195964
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/organism="unknown"
/wol_type="unassigned DNA"
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JP 2002300894-A/20.
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                                                              0.8%;
ilarity 80.0%;
Conservative
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synthetic construct
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                                                                                                                                                        Artificial Sequence
JP 2002525112-A/15
13-AUG-2002
17-SEP-1999 US 09/161241
MICHAEL BRIAN BASS, JOHN KEVIN SULLIVAN, LARS BYDE THEILL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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/organism='Artificial Sequence'
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I (bases 1 to 20)

S Dean, M. and Marcusson, E.G.
Antisense modulation of FAS mediated signaling
thaten: JP 2002540812-A 37 03-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002540817-X-7-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                    artificial sequences.

1 (bases 1 to 20)

Bass, M.B., Sullivan, J.K., Theill, L.E. and Wang, D. Novel DKR polypeptides
Patent: JP 2002525112-A 15 13-AUG-2002;
AMGEN INC.
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Antisense modulation of FAS mediated signaling
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/organism="synthetic construct"
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/organism="synthetic construct"
/ool type="genomic DNA"
/db_xref="taxon:32630"
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03-DEC-2002
12-APR-2000 JP 2000610483
12-APR-1999 US 09/296640
NICHOLAS M DEAN, ERIC G MARCUSSON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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BD229912.1 GI:33039682 JP 2002525112-A/15. synthetic construct synthetic construct
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PC A61P1/10
C12N15/00,
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Best Local Similarity
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BD249322
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VERSION
KEYWORDS
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TITLE
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20-MAY-1999 JP 2000549773
21-MAY-1999 US 09/082336
21-MAY-1998 US 09/082336
EAHUL MEHTAP, GROWN E HARDE, PHILLIP D COOK, DAVID J ECKER, PI JENUIFER TSAI, MICHAEL V TEMPLIN
AGIK48/00,AGIK9/107,AGIK31/7088,AGIK31/7125,AGIK47/12,AGIK47/
 01-JUL-1997 FR 97/08284
MARIE CHRISTINE CHARTIER HARLIN, JEAN CHARLES LAMBERT, PHILIPPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Compositions and methods for topical delivery of oligonucleotides Patent: JP 2002515514-A 2 28-MAY-2002; ISIS PHARMACEUTICALS INC OS Artificial Sequence
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I (bases 1 to 20)
Mehta, R., Hardee, G.B., Cook, P.D., Ecker, D.J., Tsai, Y.J. and Templin, M.V.
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                                                                                                              /organism='Artificial Sequence'
                                                                                                                                                                                                                           wery Match 0.8%; Score 13.6; DB 1; Length 20; lest Local Similarity 80.0%; Pred. No. 7.2e+02; latches 16; Conservative 0; Mismatches 4; Indels
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                                                C1201/68,C12N15/10,C12N15/85,A01K67/027
Description of Artificial Sequence: primer
Key
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C07H21/04, C12N15/09, C12Q1/68, C12N15/00
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/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"
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                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Novel DKR polypeptides.
BD229912
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JP 2002515514-A/2.
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synthetic construct
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Atches 16; Conserv
                                      AMOUYEL
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28-FEB-2000 JP 2000602764
03-MRA-1999 DE 199 09 146.3
MOHAMED A MARAHIEL, TORSTEN STACHELHAUS, HENNING MOOTZ, DIRK KONZ
C12M15/09, C07K14/00//C12N9/00, C12N15/00
Nonribosomal peptide synthetase, process for producing the CC
same and
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PR 10-MAR-2000 JP 2000603347
PR 10-MAR-1999 GB 990544.7,24-DEC-1999 GB 9930499.0 PI
PETER FRANCIS JOSEPH O'HARE,NADIA MICHELLE NORMAND PC
C12N15/09,A61K9/127,A61K9/14,A61K9/72,A61K31/7088,A61K31/7125, PC
A61K318/00,
PC A61K41/00,A61K48/00,A61P17/00,A61P17/nc ....
PC C2NS/10//
Patent: JP 2002537806-A 10 12-NOV-2002;
MOHAMED A MARAHIEL, TORSTEN STACHELHAUS, HENNING MOOTZ, DIRK KONZ
OS Bacillus brevis
PN JP 2002537806-A/10
PD 12-NOV-2002
PF 28-FEB-2000 JP 2000602764
PR 03-MAR-1999 DE 199 09 146.3
PI MOHAMED A MARAHIEL, TORSTER STACHELHAUS, HENNING MOOTZ, DIRK
PC C12N15/09, COTA14/00//C12N9/00, C12N15/00
CC Nonribosomal peptide synthetase, process for producing the
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Description of Artificial Sequence: Oligonucleotide FH
    Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                        Length 20;
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                                                                                                                                                                                                                                    /organism='Bacillus brevis'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                      Score 13.6; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 4;
                                                                                                                                                                                                                                                                      1 .20
Corganism="Brevibacillus brevis"
/mol_type="genomic DNA"
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
OGhare, P. F. J. and Normand, N.M.
Delivery of substances to cells
Patent: JP 200537828-A 1 12-NOV-2002;
                                                                                                                                                                                                      Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_kref="taxon:32630"
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                                                                                                                                                                                     utilization thereof
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JP 2002537828-A/1.
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Best Local Similarity 80.03
Matches 16; Conservative
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Matches 16; Conserv
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      JOURNAL
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Brevibacillus brevis
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Brevibacillus brevis
I (bases 1 to 20)
Marabitel, M., Stachelhaus, T., Mootz, H. and Konz, D.
Unonribosomal peptide synthetase, process for producing the same and utilization thereof
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06-APR-1999 US 09/286904
BRETT P MONIA, WILLIAM A GAARDE, PAMELA S NERO, ROBERT MCKAY, IAN
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C12N5/10,C12N9/99,C12N15/00,C12N5/00
Antisense modulation of p38 mitogen activated protein kinase
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                                                   Length 20;
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80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4; Indels
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                    DNA
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   /mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                 1659 CACCCTCACAGGCAGCCC 1678
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                                                                                                                                     CCCTCTTCACATGGCAGCCC 20
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                                                                                                                                                                                                                                                                                                                                synthetic construct
synthetic construct
                                              Query Match 0.89
Best Local Similarity 80.09
Matches 16; Conservative
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BD250319/c
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Gaps

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PAT 17-JUL-2003

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Gaps

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Gaps

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PAT 03-MAR-2004

linear

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/note="Description of Artificial Sequence: primer"
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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Patent: WO 2004003201-A 1493 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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/organism="synthetic construct"
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Antisense modulation of 1rh1 expression
Patent: WO 2004003201-A 384 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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CQ762875
                                                                                                                                                                                                                                                                                                                                                                     20 bp DNA Sequence 384 from Patent WO2004003201. CQ761766. GI:44905002
                                          Scianna antigens
Patent: EP 1378519-A 35 07-JAN-2004;
BIOTEST AG (DE)
                                                                                          Location/Qualifiers
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                           Flegel, W.A. and Wagner, F.F.
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synthetic construct
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Best Local Similarity
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CQ761766/c
LOCUS
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ORGANISM
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LOCUS
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                                                               linear
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Patent: WO 2004001071-A 78 31-DEC-2003;
Oxagen Limited (GB)
Location/Qualifiers
                                                                                                                                                                                                        Pullen,J. and Holdstock,J.
Genetic predisposition analysis and treatment
Batcht: WO 2004001071-A 42 31-DEC-2003;
Oxagen Limited (GB)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="traxon:32630"
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/mol_type="unassigned DNA"
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/note="primer"
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Sequence 78 from Patent WO2004001071.
CQ754162
                                                              CQ754126 20 bp DN Sequence 42 from Patent WO2004001071.
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Sequence 35 from Patent EP1378519.
CQ754819
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754819/c
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Gaps

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PAT 03-MAR-2004

linear

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Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M. Detection of susceptibility to autoimmune diseases, especially type 1 diabetes
Patent: EP 1405921-A 36 07-APR-2004;
Roche Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG (CH)
                                       PAT 19-APR-2004
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                                                                                                                                                                                                                                                                                                              /mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="Artificially synthesized primer sequence for FP-PCR"
                                                                                                                                                                                                Method of diagnosing ovarian endometriosis
Patent: WO 2004024952-A 21 25-MAR-2004;
Oncotherapy Science, Inc. (JP); Japan as represented by the
president of the university of Tokyo (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
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/note="Description of artificial sequence: Amplicon primer:
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80.0%; Pred. No. 7.2e+02;
ative 0; Mismatches 4; Indels
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/organism="synthetic construct"
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                              Sequence 21 from Patent WO2004024952.
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Sequence 12 from Patent EP1413630.
CQ800973.1 GI:47057752
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Sequence 36 from Patent EP1405921.
CQ796064
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Best Local Similarity 80.0
Matches 16; Conservative
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Best Local Similarity 80.0°
Matches 16; Conservative
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CQ800973/c
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 RESULT 947
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80.0%; Pred. No. 7.2e+02;
Live 0; Mismatches 4; Indels
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                             Query Match

0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
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Patent: WO 2004003201-A 1657 08-JAN-2004;
Pharmacia Corporation (US)
Location/Qualifiers
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Patent: WO 2004003201-A 2096 08-JAN-2004,
Pharmacia Corporation (US)
Location/Qualifiers
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/organism="synthetic construct"
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/organism="synthetic construct"
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CQ763039
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CQ763478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Human LRH1 antisense"
/note="Human LRH1 antisense"
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Matches 16; Conserv
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G01N33/50, G01N33/50, A61K49/00, C12N15/00, C12N15/10, C12Q1/68; CC
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                     1. .20
/organism="synthetic construct"
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PP 2000152797-A/11. Homo sapiens (human)
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Biotica Technology Limited (GB); UNIVERSIDAD DE OVIEDO (ES)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                          20 bp DNA linear MTO primer for detecting the mutation of K-ras gene. E07684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DETECTING AND MEASURING METHOD FOR VARIANT ONCOGENE PATENT: JP 1994167492-A 1 14-JUN-1994; OTSUKA PHARMACEUT CO LTD
                                                                                                                                                                           Indels
                                                                                                                                           Length
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ilarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4;
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/organism="unidentified"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Artificial sequences.
JP 1994167492-A/1
14-JUN-1994
30-NOV-1992 JP 1992345280
TAKEDA SEI
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topology: Linear;
hypothetical: No;
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JP 1944167492-A/1.
unidentified
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Best Local Similarity
Matches 16; Conserv
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                                                                                                               fluorescent marker
atent: EP 1413630-A 12 28-APR-2004;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR); Universite Joseph Fourier
de Grenoble (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Wilkinson,B., Martin,C.J., Moss,S., Leadlay,P.F. and Oilynyk,M.
Borrelidin-producing polyketide synthase and its use
Patent: WO 2004058976-A 112 15-JUL-2004;
                                                                                                                                                                                                   1..20
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/mol_type="unassigned DNA"
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/note="Description of Artificial Sequence: synthetic"
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                                                                           Cuzin,M., Peltie,P., Fontecave,M., Decout,J.L. and Dueymes,C.
Analyssis of biological targets using a biochip comprising a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Golz,S., Brueggemeier,U. and Summer,H.
Diagnostics and therapeutics for diseases associated with protein-coupled receptor 43 (gpr43)
Patent: WO 2004038405-A 3 06-MAY-2004;
Bayer HealthCare AG (DE)
Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4; Indels
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Sequence 3 from Patent WO2004038405.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                  Location/Qualifiers
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artificial sequences.
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artificial sequences.
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PAT 06-FEB-1997

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Unclassified.
Unclassified.
1 (bases 1 to 20)
Moniad, B.P. and Boggs, R.T.
Antisense Oligonucleotide modulation of raf gene expression
Patent: US 5563255-A 11 08-0CT-1996;
Location/Qualifiers
                                                                                                                        Score 13.6; DB 1; Length 20;
Pred. No. 7.2e+02;
0; Mismatches 4; Indels
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80.0%; Pred. No. 7.2e+02;
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      Oligonucleotide modulation of cell ac
Patent: US 5514788-A 15 07-MAY-1996;
Location/Qualifiers
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1 (Dases 1 to 20)
Bennett, C.Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell ac
Patent: US 5591623-A 15 07-JAN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                 20 bp
Sequence 11 from patent US 5563255.
127241
127241.1 GI:1818017
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/organism="unknown"
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                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 15 from patent US
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Best Local Similarity 80.0%;
Matches 16; Conservative 1
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Best Local Similarity 80.0
Matches 16; Conservative
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1 (bases 1 to 20)
Civelli,O. and Van Tol,H.H.
DNA sequence for the human dopamine receptor D.sub.4 and expression thereof in mammalian cells
Patent: US 5422265-A 10 06-JUN-1995;
                                                                                                                06-JUN-2000
18-JAN-2000 JP 2000008654
31-MAY-1994 US 08/250856
MONIA BURETTO P, BOGGUZU RUSSELL T
C12N1S/09, AGIX31/7088, AGIK48/00, AGIP17/06, AGIP35/00, AGIP43/00,
C12N1S/00, A
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E 1 (bases 1 to 20)

S P.M.B. and T.B.R.
Antises oligonuclectide regulation of raft gene expression
D Patent: JP 2000152797-A 11 06-JUN-2000;
ISIS PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2000152797-A/11
PD 06-JUN-2000
PF 18-JUN-2000 JP 2000008654
PR 31-MAY-1994 US 08/250856
PI MONIA BURETTO P.BOGGUZU RUSSELL T
PC C12N15/09, Asix31/7088, Asix48/00, Asir17/06, Asir23/00, Asir23/00C
C12N15/00, A Location/Qualifiers
FT source //organism='Homo sapiens (human)'.
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Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
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Sequence 10 from patent US 5422265.
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/organism="unknown"
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Sequence 15 from patent US 5514788.
120617
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1 (bases 1 to 20)
Bennett, C. Frank. and Mirabelli, C.K.
                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="genomic DNA"
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Best Local Similarity 80.0
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conserv
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PAT 06-FEB-1997

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PAT 20-APR-2002
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1 (bases 1 to 20)

Krieg-A.M., Davis,H.L., Wu,T. and Schorr,J.

Vectors and methods for immunization or therapeutic protocols

Patent: US 6339068-A 57 15-JAN-2002;
                            Gaps
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80.0%; Pred. No. 7.2e+02;
ative 0; Mismatches 4; Indels
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 Length
Query Match 0.8%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 7.2e+02; Matches 16; Conservative 0; Mismatches 4;
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80.0%; Pred. No. 7.2e+02;
ative 0; Mismatches 4;
                                                                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 20)

Peyman, A., Uhlmann, E. and Carolus, C.
3'-modified oligonucleotide derivatives
Patent: US 5696248-A 21 09-DEC-1997;
Location/Qualifiers
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Sequence 28 from patent US 6342351.
AR183678.1 GI:20227647
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 57 from patent US 6339068.
AR182885 AR182885.1 GI:20226092
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Matches 16; Conserv
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AR182885/c
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JOURNAL
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VERSION
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Smith,L.J.
Therapeutic oligonucleotides targeting the human MDR1 and MRP genes
Patent: US 5683987-A 83 04-NOV-1997;
Location/Qualifiers
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      PAT 06-FEB-1997
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                                                                                                                                                                                                                                                 uery Match 0.8%; Score 13.6; DB 1; Length 20; est Local Similarity 80.0%; Pred. No. 7.2e+02; atches 16; Conservative 0; Mismatches 4; Indels
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      linear
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Skolnick,M.H., Cannon-Albright,L.A. and Kamb,A.
Germline mutations in the MTS gene
Patent: US 5624819-A 29 29-APR-1997;
Location/Qualifiers
                                                                                 Muknown.

Jubassified.

E 1 (bases 1 to 20)

S Civelli,0. and van Tol, H.H.

Human dopamine receptor and its uses

AL Patent: US 5594108-A 10 14-JAN-1997;

Location/Qualifiers

20 """known"
       DNA
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Sequence 29 from patent US 5624819.
141173.1 GI:2081763
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20 bp | Sequence 10 from patent US 5594108.
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/organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                             241 GGCGGCAGTGACCCTGGAGA 260
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Set Local Similarity 80.0%;
Tatches 16; Conservative
                                              I33964.1 GI:1824755
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173/c
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Location/Qualifiers
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/organism="unknown"
                 483 ACCAGCTGACATCCGGCTGC 502
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AR212437/c
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AR215964/c
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AR194131/c
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TITLE
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     Unknown.
Unclassified.
1 (Dases 1 to 20)
Chen, H. and Freimer, N.B.
Methods and compositions for diagnosing and treating chromosome-18p related disorders
Patent: US 6342351-A 28 29-JAN-2002;
Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4; Indels
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1 (bases 1 to 20)
Nagata, S., Suda, T., Takahashi, T. and Nakamura, N. DNA encoding Fas ligand
Patent: US 6348334-A 67 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                      Winkler, I.
Stabilized oligonucleotides and their use
Patent: US 6348312-A 29 19-FBB-2002;
Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                       Sequence 29 from patent US 6348312.
AR193525
AR193525.1 GI:20240117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned DNA"
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/organism="unknown"
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Best Local Similarity 80.0°
Matches 16; Conservative
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Matches 16; Conservative
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Best Local Similarity
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AR193525/c
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TITLE
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PAT 20-APR-2002
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Chen.H. and Freimer, N.B.
Methods and compositions for diagnosing and treating chromosome
-18p related disorders
Patent: US 6399762-A 28 04-JUN-2002;
Location/Qualifiers
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Nagata, S., Suda, T., Takahashi, T. and Nakamura, N.
DNA encoding Fas ligand
Patent: US 6348334-A 68 19-FBB-2002;
                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
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80.0%; Pred. No. 7.2e+02;
ative 0; Mismatches 4;
       DNA
AR194131 20 bp C
Sequence 68 from patent US 6348334.
AR194131
AR194131.1 GI:20240723
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/mol_type="unassigned DNA"
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AR215964
AR215964.1 GI:23314252
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PAT 20-DEC-2002
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Baker, B.F. and Freier, S.M.
Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p40 subunit expression
Patent: US 44480B1-A 47 10-SEP-2002;
Location/Qualifiers
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ilarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4;
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Popoff, I. and Cowsert, L. M.
Antisense modulation of PARP expression
Patent: 1651602-A 125 17-SEP-2002;
Location/Qualifiers
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                                                                                                                                         Unclassified.

1 (bases 1 to 20)

Mard, D.T. and Watt, A.T.

Antisense modulation of WRN expression
Patent: US 6448080-A 78 10-SEP-2002;

Location/Qualifiers
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Sequence 125 from patent US 6451602.
AR230865
                                          20 bp 1
Sequence 78 from patent US 6448080.
AR228978
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Sequence 47 from patent US 6448081.
AR229037
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/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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AR230865/c
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AR228978
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Monia,B.P., Gaarde,W.A., Nero,P. and McKay,R.
Antisense modulation of p38 mitogen activated protein kinase
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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Ward,D.T. and Watt,A.T.
Antisense modulation of helicase-moi expression
Patent: US 6444466-A 73 03-SEP-2002;
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Patent: US 6448079-A 75 10-SEP-2002;
Location/Qualifiers
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Sequence 73 from patent US 6444466.
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Unclassified.
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Sequence 4 from patent US 6465628. AR237466 GI:27282216
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/organism="unknown"
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1 (bases 1 to 20)
Watt,A.T.
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Antisense modulation of protein phosphatase 2 catalytic subunit alpha expression
Patent: US 6465250-A 29 15-OCT-2002;
Location/Qualifiers
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3est Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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E 1 (bases 1 to 20)

& Popoff,I. and Cowsert,L.M.

Antisense modulation of PARP expression

AL Patent: US 6451602-A 280 17-SEP-2002;

Location/Qualifiers

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Sequence 29 from patent US 6465250.
AR236817
AR236817.1 GI:27281012
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AR231020.1 GI:27271807
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AR237466/c
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1 (bases 1 to 20)
Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A., Cole, D.L. and
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Unclassified.
Unclassified.
Seela, F. and Thomas, H.
Modified oligonucleotides, their preparation and their use Patent: US 6479651-A 20 12-NOV-2002;
Location/Qualifiers
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                                                             Process for the synthesis of oligomeric compounds Patent: US 6465628-A 4 15-OCT-2002; Location/Qualifiers
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Sequence 23 from patent US 6468796.
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Sequence 20 from patent US 6479651.
AR254168.1 GI:27302905
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Gaps

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Length 20;

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(Chen, D., Chumakov, I. and Blumenfeld, M. Cohen, D., Chumakov, I. and Blumenfeld, M. Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 637751-A 11617 25-MAR-2003; Location/Qualifiers
                                                                                                                                                      Score 13.6; DB 1;
Pred. No. 7.2e+02;
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20 CTCTCCCTCTTCCATATCTT 1
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Freier, S.M. and Wyatt, J.
Antisense modulation of syntaxin 4 interacting protein expression
Patent: US 6503756-A 93 07-JAN-2003;
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Sequence 11617 from patent US 6537751.
AR299882
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Patent: US 6503152-A 103 07-JAN-2003;
Location/Qualifiers
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Sequence 103 from patent US 6503152.
AR271160.1 GI:29702463
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/mol_type="genomic DNA"
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/organism="unknown"
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AR272023
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1 (Dases 1 to 20)

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2 (Tiffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.

Chlamydia pneumoniae polynucleotides and uses thereof

Patent: US 6559294-A 2072 06-MAY-2003,
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Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
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US 6559294.
      AR311535 20 bp DM.
Sequence 2072 from patent US 6559294.
AR311535 AR311535.1 GI:31704961
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR312857
AR312857.1 GI:31706283
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1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655924-A 5947 06-MAY-2003;
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            1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
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Griffals, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynuclectides and uses thereof
Patent: US 6559294-A 6067 06-MAY-2003;
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                                                              Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 5261 06-MAY-2003;
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80.0%; Pred. No. 7.2e+02;
ative 0; Mismatches 4; Indels
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80.0%; Pred. No. 7.2e+02;
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/organism="unknown"
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Best Local Similarity 80.0°
Matches 16; Conservative
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Matches 16; Conservative
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Unclassified.
1 (bases 1 to 20)
Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
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Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polynuclectides and uses thereof
Patent: US 6559294-A 4585 06-MAY-2003;
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Patent: US 6559294-A 3649 06-MAY-2003;
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80.0%; Pred. No. 7.2e+02;
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80.0%; Pred. No. 7.2e+02;
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6559294.
                                                                                                                        AR313112 20 bp DNA Sequence 3649 from patent US 6559294.
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Sequence 5261 from patent US 6559294.
AR314724
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/mol_type="genomic DNA"
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        CTGTCAATGACACTCCGAGG 173
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Best Local Similarity 80.03
Matches 16; Conservative
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RESULT 985 AR314048

DEFINITION

ACCESSION VERSION KEYWORDS

ORGANISM

SOURCE

REFERENCE AUTHORS JOURNAL FEATURES

TITLE

Matches

RESULT 986 AR114724 ICCUS DEFINITION SOURCE ORGANISM

VERSION KEYWORDS

Gaps

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PAT 18-DEC-2003
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Antisense modulation of glicma-associated oncogene-1 expression Patent: US 6329203-A 12 11-DEC-2001; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.

Unclassified.

(bases 1 to 20)

O'Brien,T.J., Underwood,L.J., Tanimoto,H. and Shigemasa,K.
Uses of antileukoprotease in carcinoma
Uses of antileukoprotease in carcinoma

Patent: US 6602674-A 4 05-AUG-2003;

Location/Qualifiers
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ilarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches A. Trans
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llarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4; Indels
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                                                                                                                                           Indels
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1 (bases 1 to 20)
Bennett, C. F. and Mirabelli, C. K.
Oligonucleotide inhibition of cell adhesion
Patent: US 6300491-A 15 09-OCT-2001,
Location/Qualifiers
                                                                                                          0.8%; Score 13.6; DB 1;
ilarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4;
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Sequence 15 from patent US 6300491.
AR370540. GI:34607293
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Sequence 4 from patent US 6602674.
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/organism="unknown"
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/organism="unknown"
/mol_type="genomic DNA"
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1 (bases 1 to 20)

Bucala,R.J., Chesney,J.A. and Mitchell,R.A.

Inducible phosphofructokinase and the Warburg effect

Patent: US 6596851-A 2 22-JUL-2003;
                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 20)

Bucala,R.J., Chesney,J.A. and Mitchell,R.A.

Inducible phosphofructokinase and the Warburg effect

Patent: US 6596851-A 1 22-JUL-2003;
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AR366650
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Sequence 2 from patent US 6596851.
AR360851
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Sequence 1 from patent US 6596851.
AR360850
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/mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 20)
Bennett, C.F. and Wyatt, J.
            CCCTGCTCAAGGACCTCAAA 780
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Knipp, G.T. and Herrera-Ruiz, D.
Nucleic acid encoding the human peptide histidine transporter 1 and methods of use thereaf Patent: US 6683169-A 33 27-JAN-2004;
Location/Qualifiers
1. .20
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Unclassified.
Unclassified.
1 (bases 1 to 20)
Dean,N.W., Marcusson,E.G. and Wyatt,J.
Antisense modulation of Fas mediated signaling
Patent: US 6653133-A 39 25-NOV-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mRNA
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Berg,R.A., Toman, P.D. and Wallace, D.G. Mutated recombinant collagens

Patent: US 6653450-A 24 25-NOV-2003;

Location/Qualifiers
                      Sequence 39 from patent US 6653133. AR432241
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/organism≃"unknown"
/mol_type="mRNA"
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                      Score 13.6; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 4;
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80.0%; Pred. No. 7.2e+02;
Live 0; Mismatches 4;
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Antisense modulation of EDG1 expression
Patent: US 6716975-A 70 06-APR-2004;
Location/Qualifiers
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Antisense modulation of EDG1 expression
Patent: US 6716975-A 102 06-APR-2004;
Location/Qualifiers
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Sequence 102 from patent US 6716975.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR492732.1 GI:47262246
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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Pred. No. 7.2e+02;
0; Mismatches 4; Indels
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Pred. No. 7.2e+02;
0; Mismatches 4; Indels
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Delivery of nucleic acids and proteins to cells
Patent: WO 005372-A 114-SEP-2000;
Phogen Limited (GB)
     /organism="Brevibacillus brevis"
/mol_type="unassigned DNA"
/db_xref="taxon:1393"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Helentjaris,T.G., Habben,J.E. and Sun,Y. Call cycle genes and methods of use Patent: WO 0065040-A 48 02-NOV-2000; PIONEER HI-BRED INTERNATIONAL, INC. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="texcn:32630"
/noTe="Oligonucleotide"
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/organism="Zea mays"
/mol_type="unassigned DNA"
/db_xref="taxon:4577"
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Sequence 48 from Patent W00065040.
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Sequence 1 from Patent WO0053722.
AX040559
AX040559.1 GI:11230309
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Best Local Similarity 80.0%;
Matches 16; Conservative (
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Matches 16; Conservative
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Brevibacillus brevis
Bacteria; Firmicutes; Bacillales; Paenibacillaceae; Brevibacillus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Non-ribosomal peptide synthetases, method for producing same an
the use thereof
Patent: WO 0052152-A 10 08-SEP-2000;
STACHELHAUS TORSTEN (DE); KONZ DIRK (DE); MOOTZ HENNING (DE)
MARAHIEL MOHAMED A (DE)
Location/Qualifiers
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A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 265 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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Amouyel, P. and Chartier-Harlin, M.
METHOD FOR DIAGNOSING ALZHEIMER DISEASE
Patent: WO 9901574-A 6 14-JAN-1999;
INST NAT SANTE RECH MED (FR); AMOUYEL PHILIPPE (FR)
Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Sequence 265 from Patent WO9934016.
AX020765 AX020765.1 GI:1004464
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Sequence 10 from Patent WO0052152.
AX035595
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PAT 28-AUG-2001

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Reske-Kunz,A., Ross,X., Ross,R. and Bros,M.
Regulatory sequence for the specific expression in dendritic cells and uses thereof
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Patent: WO 0163282-A 10 30-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent: WO 0151631-A 55 19-JUL-2001;
Reske-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf
Bros, Matthias (DE)
                                                                                                     O'Hare, P.F., Normand, N.M., Brewis, N.D. and Phelan, A. Uses of transport proteins for controlling cell cycle Patent: WO 0147960-A 3 05-JUL-2001; Phogen Limited (GB)
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80.0%; Pred. No. 7.2e+02;
ive 0; Mismatches 4; Indels
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    forganism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"

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/note="artificial_sequence"
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 243 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                                                                                                                                                                                               Uhlmann, E., Greiner, B., Unger, E., Gothe, G. and Schwerdel, M. Conjugates and methods for the production thereof, and their use for transporting molecules via bloolgical membranes
Patent: WO 0108707-A 53 08-FEB-2001;
Aventis Phaxma Deutschland GmbH (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"

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    forganism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"

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Sequence 243 from Patent W00122972.
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Sequence 53 from Patent WO0108707.
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Sequence 3 from Patent WO0147960.
AX188686
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555 CCTCAGCCGCCGCCTCCGTC 574
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AX104051.1 GI:13920248
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RESULT 1005

AX104051/c

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VERSION KEYWORDS

ORGANISM

SOURCE

REFERENCE AUTHORS TITLE

JOURNAL

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PRATURES

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Matches

AX1.88686/c

NEFINITION

ACCESSION VERSION

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Gaps

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Gaps

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Indels Length

20;

PAT 20-NOV-2001

linear

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Barany, F., Zirvi, M., Gerry, N. P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of mucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 8942 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
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Polyamide nucleic acid derivatives, agents and methods for producing the same
Patent: Wo 0179249-A 37 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Oliofe="Beschreibung der kuenstlichen Sequenz:
Oligonukleotide"
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80.0%; Pred. No. 7.2e+02;
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Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4;
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Sequence 8942 from Patent WO0179548.
AX297180
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Sequence 37 from Patent WO0179249.
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AX283273/c
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/db_xref="taxon:32630"
/note="sonde selon l'invention de detection de mutations dans le gene K-ras."
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Polyamide nucleic acid derivatives, agents and methods for producing them

Patent: WO 0179216-A 42 25-OCT-2001;

Aventis Pharma Deutschland GmbH (DE)

Location/Qualifiers
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Pred. No. 7.2e+02;
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Sequenz:oligonukleotide"
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
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/note="sequence synthetique"
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Location/Qualifiers
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Patent: WO 0164945-A 14 07-SEP-2001;
Nucleica (FR)
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Sequence 14 from Patent WO0164945.
AX235883
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Sequence 42 from Patent W00179216.
AX283204
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PAT 21-NOV-2001

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Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweetners Patent: WO 0183749-A 504 08-NOV-2001, WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
                                      PAT 26-NOV-2001
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                                                                                                                                                     Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Pred. No. 7.2e+02;
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
                                      DNA
                               20 bp
Sequence 504 from Patent WO0183749.
AX298870
AX298870.1 GI:17128860
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Fusion receptor from tnf family
Patent: WO 0185782-A 33 15-NOV-2001;
Amgen Inc. (US)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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AX300105.1 GI:17381524
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Best Local Similarity
Matches 16; Conserv
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                                                             Julier, C., Delepine, M. and Nicolino, M.

Mutated eukariotic translation initiation factor 2 alpha kinase 3,
elifakā, in patients with neonatal insulin-dependent diabetes and
multiple epip hyseal dysplasia (wolcott-rallison syndrome)
Patent: WO 0190371-A 82 29-NOV-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR); Centre National de Genotypage (FR)
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THE SECRETRAX OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US) Lie, Sang-Hun (RR); Lumelsky, Nadya (US); Studer, Lorenz (US); MCKAy, Ron D. G. (US)
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Derivation of midbrain dopaminergic neurons from embryonic stem
cells
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Methods for enhancing antibody-induced cell lysis and treating
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Pred. No. 7.2e+02;
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10.0%; Pred. No. 7.2e+02;
.ve 0; Mismatches 4;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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Sequence 410 from Patent WO0197843.
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AX355382.1 GI:18620050
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PAT 18-JUN-2002
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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80.0%; Pred. No. 7.2e+02;
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80.0%; Pred. No. 7.2e+02;
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     Score 13.6; DB 1; Length Pred. No. 7.2e+02;
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Transglutaminase gene producte
Transglutaminase gene producte
Patent: WO 0222830-A 72 21-WAR-2002;
UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD. (GB)
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/mol_type="unassigned DNA"
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0.8%; bcc. No. ...
80.0%; Pred. No. ...
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Sequence 145 from Patent WO0198537.
AX419808
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 72 from Patent W00222830.
AX405378.1 GI:21438473
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Methods and compositions for diagnosing and treating chromosome-18P
related disorders
Patent: WO 0210366-A 28 07-FEB-2002;
Millennium Pharmacouticals, Inc. (US); The Regents of The
University of California (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/note="Synthetic oligonucleotide-phosphodiester backbone"
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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                Patent: WO 0197843-A 410 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
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Sequence 28 from Patent W00210366.
AX397602. GI:21068348
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Sequence 3 from Patent W00220060.
AX397905
AX397905.1 GI:21260770
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80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4; Indels
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Sequence 330 from Patent WO0220848.
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Sequence 24 from Patent W00242441.
AX452338
Sequence 19 from Patent WO0234953. AX429373
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Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
Gene and sequence variation associated with lipid disorder
Patent: WO 0220847-A 330 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer Patent: WO 0220848-A 330 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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Sequence 330 from Patent WO0220847.
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Poole, J., Roninson, I.B. and Chang, B.D. Reagents and methods for identifying and modulating expression of genes regulated by odk inhibitors Patent: WO 02066681-A 68 29-440-2002, THE BOARD OF TRUSTERS OF THE UNIVERSITY OF ILLINOIS (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                     Roninson, I.B. and Chang, B.D. Reagents and methods for identifying and medulating expression of tumor sensecence genes Fatent: WO 02061134-A 48 08-AUG-2002, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US) Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:8606"
/noTe="Analytical sense primer for MAC2-BP"
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10.0%; Pred. No. 7.2e+02;
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/db_xref="taxon.32630"
/noTe="PCR primer"
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Ax662981.1 GI:29163562
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Sequence 36 from Patent WO03010335.
AX698547
                                      20 bp 1
Sequence 48 from Patent WO02061134.
AX662837
AX662837.1 GI:29163418
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Matches 16; Conserv
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Best Local Similarity
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Patent: WO 0244403-A 39 06-JUN-2002;
McGILL UNIVERSITY (CA)
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80.0%; Pred. No. 7.2e+02;
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/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="primer"
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/mol.type="unasslanda DNA"
/mol.type="unasslanda"
/nole="Synthetic Sequence"
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Sequence 243 from Patent WO02053141.
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Sequence 39 from Patent W00244403.
AX554352
/db_xref="taxon:32630"
/note="Synthetic Primer"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                            Mirel, D.B., Erlich, H.A., Bugawan, T.L., Noble, J.A. and Valdez, A.M.
                                                                         11-4 receptor sequence variation associated with type 1 diabetes
Patent: WO 03010335-A 36 06-FEB-2003;
Roche Diagnostics GmbH (DB); F. HOFFMANN-LA ROCHE AG (CH)
Location/Qualifiers
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Treatment of central nervous system disorders by use of pdgf or
                                                                                                                                                                                                                                                                            Gaps
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80.0%; Pred. No. 7.2e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
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Patent: WO 03024478-A 26 27-MAR-2003;
Neuronova AB (SE)
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/db_xref="taxon:9606"
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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Patent: WO 03062405-A 33 31-JUL-2003;
Inoue, Kazutomo (JP) ; Yugengaisha Okuma Contactlens Kenkyujo (JP)
Location/Qualifiers
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Method for inducing differentiation of embryonic stem cells into
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="an artificially synthesized primer sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent: EP 1308459-A 4089 07-MAY-2003;
Hellx Research Institute (JP); Research Association for
Biotechnology (JP)
Location/Qualifiers
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organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Oligonucleotide Primer"
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EP1308459.
                 /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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Sequence 33 from Patent WO03062405.
AX812145
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Schwartz, D.A. and Krieg, A.M.
Use of nucleic acids containing unmethylated CPG dinucleotide in the treatment of LPG-associated disorders

L patent: JP 2001513776-A 65 04-SEP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
OS Artificial Sequence
PN JP 2001513776-A/65
PD 04-SEP-2001
PP 25-FEB-1998 UP 1998537810
PR 28-FEB-1997 US 60/039405
PI DAVID A SCHWARTZ, ARTHUR KRIEG
PC Synthetic oligonicleotide
PC Synthetic oligonicleotide
PH Key
I Coation/Qualifiers
FT Source

| Coation/Qualifierial Sequence'.
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ilarity 80.0%; Pred. No. 7.2e+02;
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|mol_type="unassigned DNN"
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|noTe="Primer: cf1-4810 reverse"
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                                                                                                                                  Rappold, G.A. and Kirsch, S.
Height-related gene
Patent: WO 03091381-A 118 06-NOV-2003;
Rappold, Gudrun A. (DE)
Location/Qualifiers
                                                Sequence 118 from Patent WO03091381.
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JP 2001513776-A/65.
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80.0%; Pred. No. 7.2e+02;
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Pred. No. 7.2e+02;
0; Mismatches 4; Indels
                 0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 7.2e+02;
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Modified factor viii
Patent: WO 0397161-A 1125 23-OCT-2003;
MERCK PATENT GmbH (DE)
Location/Qualifiers
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Sequence 76 from Patent W003076464.
AX838661.1 GI:39922243
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Sequence 1125 from Patent
AX933346
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
                                                                                                                                                                                                                                                                                                                                 Amethod of arraying genome clone
Patent: JP 201321190-A 1374 20-NOV-2001;
Patent: JP 2001321190-A 1374 20-NOV-2001;
Patent: JP 2001321190-A 1374 20-NOV-2001;
SATISTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECHS
OS Artificial Sequence
PN 72 2001321190-A/1374
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PF 12-MAR-2001 JP 2001068285
PF EICHI SOBDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/5
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BD091266
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Bucala, R.J., Chesney, J.A. and Mitchell, R.A.
Inducible phosphofructokinase and the warburg effect
Patent: JP 2001521731-A 1 13-NOV-2001,
THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
          Length 20;
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80.0%; Pred. No. 7.2e+02;
Live 0; Mismatches 4;
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Pred. No. 7.2e+02;
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/organism="synthetic construct"
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JP 2001521731-A/1
13-NOV-2001
30-OCT-1998 JP 2000518978
31-OCT-1997 US 08/961578
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/db_xref="taxon:32630"
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JP 2001521731-A/1.
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1 (bases 1 to 20)
Matsushima,K., Hashimoto,S., Suzuki,T. and Nagai,S.
Human matured/activated dendritic cell expression genes
Patent: JP 2001327293-A 328 27-NoV-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Artificial Sequence
PN J2 2001327293-A/328
PD 27-NOV-2001
PP 22-MAY-2000 JP 2000150562
PI XOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI PI
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                                                                                                                                                                                                                                                                                                                                              Cl2N15/09,C07X14/47,C07X16/18//Cl2P21/02,Cl2P21/08,Cl2N15/00
Artificial Sequence: Synthesized Oligonucleotide FH Key
Location/Qualifiers.
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Patent: JP 2001321190-A 602 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                        DDU83407 20 bp DNA linear PAT Human matured/activated dendritic cell expression genes. BD083407
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Location/Qualifiers
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80.0%; Pred. No. 7.2e+02;
live 0; Mismatches 4;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001321190-A/602
20-NOV-2001
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JP 2001327293-A/328.
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JP 2001321190-A/602.
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Best Local Similarity 80.07
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                                                                                    Microplate fluorescent screening method for gene abnormality enabling convenient and economical treatment of many specimens. BD091490.1 GI:22637101
                                                                                                                                                                                                                                                                                                                                                                                                                        Yamaguchi, A., Kikuchi, K. and Nakamura, K.
Microplate fluorescent screening method for gene abnormality
enabling convenient and economical treatment of many specimens
Patent: WO 0159124-A 10 16-AUG-2001;
SAPPORO IMMUNO DIAGNOSTIC LABORATORY, AKIHIRO YAWAGUCHI, KOKICHI
KIKUCHI, KENJI NAKAMURA
OS K-ras
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synthetic construct
artificial sequences.

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Kato,I., Izu,H. and Asada,K.
Substrate for immobilizing ligand
Substrate for immobilizing ligand
Fatent: W0 0135098-A 22 17-MAY-2001;
TAKARA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
SATLİĞICİA Sequence
N W0 0135098-A/22
PD 17-MAY-2001
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PR 05-NOV-1999 JP 99P 315610
PI IXUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
PC GOLN33/543, GOLN33/54, GOLN33/54, GOLN33/521, GOLN33/53, GOLN33/56, GOLN37/00 CC
Designed oligonucleotide primer for amplifying a portion of p38 gene.
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PD 16-AUG-2001
PF 09-FEB-2000 WO 2000JP000693
PI AKIHIRO YAMAGUCHI, KOKICHI KIKUCHI, KENJI NAKAMURA PC CC CC KEV
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llarity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4; Indels
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/organism="unidentified"
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/db_xref="taxon:32644"
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PR 31-0CT-19997 US 08/961578
PI RICHARD J BUCLLA, JASON A CHESNEY, ROBERT A MITCHELL PC
C12N15/09, AG1K31/711, A61K38/00, A61K45/00, A61K48/00, A61K29/00, PC
   PI RICHARD J BUCALA, JASON A CHESNEY, ROBERT A MITCHELL PC C12N15/09, A61K31/711, A61K38/00, A61K45/00, A61K48/00, A61K21/711, A61K38/00, A61K45/00, A61K48/00, A61K31/711, A61K38/00, A61K45/00, A61K48/00, A61K31/711, A61K38/00, A61K45/00, A61K48/00, A61
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Inducible phosphofructokinase and the warburg effect
Patent: JP 2001521731-A 2 13-NOV-2001;
THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
OS Unidentified
PN JP 2001521731-A/2
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80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
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    /organism='Unidentified'

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Strandedness: Single;
Topology: Unknown;
hiPFK-2 antisense
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/organism='Unidentified'
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/organism="unidentified"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Topology: Unknown;
hiPFK-2 antisense
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PC
                                                                  A61P35/00,
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OS AITLIL.
PN JP 2002506875-A/20
PN JP 2002506875-A/20
PN JP 2002506875-A/20
PN JE-MAR-1999 JP 2000536728
PR 16-MAR-1999 US 60/08636,22-JAN-1999 US 09/236134 PI HONG
Z8-CT-1998 US 60/106056,22-JAN-1999 US 09/236134 PI HONG
CHEN, NELSON B FREIMER
PC COTKL4/435,A61K45/00,A61P25/00,C07K16/18,C12N1/15,C12N1/19, PC
PC COTKL4/435,A61R45/00,A61P25/00,C07K16/18,C12N1/15,C12N1/19, PC
PC COTKL4/435,A61R45/00,A61P25/00,C12P21/06,C12Q1/68,C12N5/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BD142386 20 bp DNA linear PAT 18-SEP-2002 Method of screening antitumor drug by using interaction between ARF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        artificial sequences.

1 (bases 1 to 20)
Sugihara,T., Wadhwa,R. and Kaul,S.C.
Method of screening antitumor drug by using interaction between ARF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C12N15/09, A61K45/00, A61P35/00, C12N5/10, C12Q1/68, G01N33/15, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       protein and HR33 protein.

Protein and HR33 protein.

Protein and HR33 protein.

CHOGAL RESEARCH HOSTITUTE FOR MOLECULAR MEDICINE INC, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, TAKASHI SUGIRARA, RENU WADHWA, SUNIL C KAUL.

OS Artificial Sequence

PN W0 0220770-A/1

PD 14-MR-2002

PR 06-SEP-2000 JP 00P 274209

PR 08-SEP-2000 JP 00P 274209

PR TAKASHI SUGIRARA, RENU WADHWA, SUNIL C KAUL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Description of Artificial Sequence: artificiall synthesized
                1 (bases 1 to 20)
Chen, H. and Freimer, N.B.
Method and composition for diagnosing and treating 18p
chronosome-associated disorder
Patent: JP 2002506875-A 26 05-MAR-2002;
MILLENNIW PHARMACEUTICALS INC, REGENTS OF THE UNIVERSITY OF
CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 7.2e+02;
iive 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1. .20
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           156 GTCAATGACACTCCGAGGTG 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  protein and HK33 protein. BD142386
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WO 0220770-A/1.
synthetic construct
synthetic construct
            sednences.
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Matches 16; Conserv
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                           REFERENCE
                                                                                                     JOURNAL
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KEYWORDS
SOURCE
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                                                                TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Novel GABAB receptor DNA sequence
Patent: JP 2002502859-A 35 29-JAN-2002;
MERCK & CO INC,MERCK FROST CANADA & CO, UNIVERSITY OF TEXAS HEALTH
SCIENCE CENTER AT SAN ANTONIO, NATIONAL INSTITUTES OF HEALTH,MERCK
SHARP & DOHME LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo. Liu, Quasea, 1 to 20)
Liu,Q., Macdonald,T., Bonnert,T.P., Ng,G.Y.Q., Jr,L.F.K., Clark,J. and Bonner,T.I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LEE F KOLAKOWSKI JR, JANET CLARK, TOM I BONNER
COJKL4/705, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N15/09, PC
                                                                                                                        Gaps
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                                                                                 Length 20;
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                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OS Homo sapiens (human)
PN JP 20022602859-A/35
PN 29-JAN-2002
PP 03-FEB-1999 JP 2000530542
PR 05-FEB-1999 US 60/073767
PR OS-FEB-1998 US 60/073767
PONGYUN LIU, TERENCE MACDONALD, TIMOTHY P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             G01013/53,G01N33/566,C12N5/00,C12N15/00
Novel GABAB receptor DNA sequence
Key
                                                                        Query Match

O.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 7.2e+02;
Matches 16; Conservative 0; Mismatches 4;
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 13.6; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 4
                                                                                                                                                                                                                                                                                                     DNA
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Novel GABAB receptor DNA sequence.
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    chromosome-associated disorder.
BD137400
                                                                                                                                                       1236 ACACTTCATCTTCCGTATCT 1255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   901 ATGCACAACGTGAAACTGTT 920
| |||||| | ||||||||
                                                                                                                                                                                             1 AAAGTTCATCTTCGGCATCT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 AGGCACAGCTGGAAACTGTT 1
                                                                                                                                                                                                                                                                                                                                                         BD124138.1 GI:23219083
JP 2002502859-A/35.
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JP 2002506875-A/26.
Synthetic construct
Synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%;
                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16; Conservative
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PI LEB F P
C12P21/02,
PC G01N33/
CC Novel G
FH Key
FT Source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              source
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Best Local S.
Watches 16
                                                                                                                                                                                                                                                                                                             DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
                                                                                                                                                                                                                                                           RESULT 1047
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BD137400/c
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RE FERENCE AUTHORS

LOCUS

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JOURNAL

COMMENT

TITLE

SOURCE

DEFINITION

PEATURES

ACCESSION VERSION

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Gaps 0 a primer

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1. .20
Jouce="reverse primer for human STS sts-stsG25740 at 1p36
sts-stsG25740 obtained from clones B326A10, B361M21, Human
BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AB067825 20 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, reverse primer for human STS sts-stSG25740
                                           Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Madicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (B-mail:horii@mail.cc.tchoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BAC-based STS-content map spanning a 35-Mb region of human
                                                                                                                      A61P43/00,
PC A61P55/00,A61P45/00,G01N33/15,G01N33/50
for replacing of human KDR/F1k-1 tyrosine residue at position 801
CC to phenylalanine.
FT source Loation/Qualifiers
FT source / Organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 7.2e+02;
tive 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 13.6; DB 1;
.larity 80.0%; Pred. No. 7.2e+02;
Conservative 0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/b xref="taxon:32630"
1. .20
                                                                                                                                                                                                                                                                                       1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                   1281 GCCAGGCATCCTGTCCAACG 1300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        519 GAAGCTGACCCTCAATAGCC 538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GACAGGCTTCTTGTCCATCG 20
Artificial Sequence
WO 0229090-A/3
11-APR-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AB067825.1 GI:15128629
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              artificial sequences.
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synthetic construct
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Matches 16; Conserv
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ses 16; Conserv
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   SCHERRIC
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Matches
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JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ACCESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PUBMED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          VERSION
KEYWORDS
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WO 0229090-A/3.

WO 0229090-A/3.

Wo 0229090-A/3.

Synthetic construct

artificial sequences.

I (Dasses 1 to 20)

Shibuya,M., Takahashi,T., Furuya,A. and Shitara,K.

Substance inhibiting binding of signal transducing molecule to KDR/FIk-1 phosphorylated at tyrosine at the 1175-position and method of using the same at the 1175-position and Patent: WO 0229090-A 3 11-APR-2002;

KYOWA HAKKO KOGYO CO LTD, WASABUMI SHIBUYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BD167763 20 bp DNA linear PAT 17-JAN-Substeamce inhibiting binding of signal transducing molecule to KDR/Flk-1 phosphorylated at tyrosine at the 1175-position and method of using the same.
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PI HIDETOSHI INOKO, GEN TAMIYA, TADANARI MATSUZAKA PC C12Q1/68,C12N15/09,G01N33/50,G01N33/50,C12N15/00 CC of Artificial Sequence: primer Location/Qualifiers
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Pred. No. 7.2e+02;
                                                                                        Score 13.6; DB 1;
Pred. No. 7.2e+02;
0; Mismatches 4;
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Coganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
         1. .20
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Inoko, H., Tamiya, G. and Matsuzaka, T. Examination method of azoospermia Patent: JP 2002153300-A 1 28-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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PD 28-MAY-2002
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synthetic construct
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est Local Similarity
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Matches 16; Conserv
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FEATURES

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PAT 20-APR-2002
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 8419 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1. (bases 1 to 15)
Pavco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 4075 20-MAY-2003;
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                                       1 (bases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 233 25-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                  Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                Sequence 8419 from patent US 6346398. AR192931
                                                                                                                                                           /mol_type="unassigned DNA"
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                                                                                                                                             /organism="unknown"
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Best Local Similarity 93.33
Matches 14; Conservative
                       Unclassified.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                        Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and Mccarthy,J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2302 15-WAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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80.0%; Pred. No. 7.8e+02;
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1 (bases 1 to 15)
Stinchcomb.D.T., Draper, K.G. and McSwiggen, J. Rel a targeted riboxymes
Patent: US 5689780-A 320 19-AUG-1997;
Location/Qualifiers
                                                                                                     AX097124 21 bp D1 Sequence 2302 from Patent WO0118250.
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Sequence 233 from patent US 6333152.
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/organism="Homo sapiens"
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Location/Qualifiers
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20 GAAGATGACGCTGAAGAGCC 1
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AR180165.1 GI:20222198
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SSULT 1054

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VERSION KEYWORDS

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REFERENCE AUTHORS Local

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TITLE JOURNAL FEATURES

LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 1055 AR180165/c

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Woolf, \Gamma. Method and reagent for inhibiting the expression of disease related
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6994 20-MAY-2003;
                                                                 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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1 (bases 1 to 17)
1 (bases 1 to 17)
Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections Patent: US 6153595-A 33 28-NOV-2000;
Location/Qualifiers
1. .17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 13.4; DB 1; Length 16; 13.3%; Pred. No. 5.6e+02; ve 0; Mismatches 1; Indels
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                                                                                                                                                                                                Patent: EP 1260586-A 3234 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 6994 from patent US 6566127.
AR329592
AR329592.1 GI:33715400
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AR120029
AR120029.1 GI:14102728
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/mol_type="unassigned RNA"
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/mol_type="unassigned RNA"
/db xref="taxon:32644"
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Method for detection of drug-induced mutations in the hiv reverse
                                                                                                                                                                                                                                    Unknown.
Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Davies, S.W.
Method for nucleic acid sequence determination using codes for error correction
Patent: US 6654696-A 1 25-NOV-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human immunodeficiency virus
Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
Lentivirus group.
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/organism="Human immunodeficiency virus"

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Patent: WO 02055741-A 413 18-JUL-2002;
INNOGENETICS N.V. (BE)
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Sequence 3234 from Patent EP1260586.
AX636095
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/db_xref="taxon:12721"
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Sequence 1 from patent US 6654696.
AR432984
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   1501 ACTICCATATITGCA 1515
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RESULT 1063 AR145684/c

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A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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PN JP 2002509721-A/4292
PD 02-APR-2002
PP 22-MAR-1999 UP 2000541291
PR 27-MAR-1999 US 60/073678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PC 212N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
                                                                                             Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

PavCo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A. 3697 02-APR-2002; RIBOZYME PHARMACEUTICALS INC OS Homo sapiene (human)

Pu 2002509721-A/3697
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I (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2010509721-A 4292 02-APR-2002;
RIBOZYME PHARMACEUTICAS INC
                                                                                                                                                                                                                                                       OS Homo sapiens (human)
PN JP 2002509721-A/3697
PD 02-APR-2050
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI 27-MAR-1998 US 60/079678
PI JAMES A MCSWIGGEN
PI JAMES A MCSWIGGEN
PC 120125/99,461K31/7088,461K31/7125,A61K48/00,A61F3/10,A61P17/06,
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93.3%; Pred. No. 6.2e+02;
live 0; Mismatches 1;
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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                          BD200671.1 GI:33010441
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JP 2002509721-A/4292.
Homo sapiens (human)
Homo sapiens
                                        JP 2002509721-A/3697.
Homo sapiens (human)
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93.3%; Pred. No. 6.2e+02;
tive 0; Mismatches 1;
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93.3%; Pred. No. 6.2e+02;
tive 0; Mismatches 1;
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93.3%; Pred. No. 6.2e+02;
tive 0; Mismatches 1;
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Bledge, 5.7. and Sanchez, Y.
Mammalian Checkpoint genes and proteins
Patent: US 6218109-A 6 17-APR-2001;
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Balledge, S.J. and Sanchez, Y.
Mammallan checkpoint genes and proteins
Patent: US 6307015-A 6 23-OCT-2001;
                                                                                                                                                                                                                                                                            DNA
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ARI74508
ARI74508.1 GI:17914828
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/organism="unknown"
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Unclassified.
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Matches 14; Conserv
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RESULT 1064 AR174508/c LCCUS

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RESULT 1065 BD200671

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REFERENCE AUTHORS

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Best Local Similarity 93.3<sup>5</sup>
"...hes 14; Conservative
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C12NS/00
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 6483 02-APR-2002;
RIBOZIME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                       BD203457 17-JUL-200 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD203457
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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/organism="Homo sapiens"
/wol_type="genomic RNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/6483
02-APR-2002
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Homo sapiens (human)
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PC A61P35,
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BD258571 17-JUL-2003
Regulation of repressor genes using nucleic acid molecules.
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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PN JP 2002541795-A/6364
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PF 12-APR-1999 US 60/129390
PT 1AMRENCE BLAIT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192224-A 66 06-DEC-2001;
                                                                                                                 unidentified
unidentified
unclassified.
1 (bases 1 to 17)
1 (true 1, 201ck, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 6364 10-DEC-2002;
RIBOZYME PHARWACEUTICALS INC
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/db_xref="taxon:9606"
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Sequence 66 from Patent W00192524.
CQ615326
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/organism="Homo sapiens"
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Location/Qualifiers
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(C12N5/00,C12R1:91)
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                                                                               BD258571.1 GI:33068341 JP 2002541795-A/6364.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Shannon,M.E.
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Shannon,M.E.
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Patent: WO 0192524-A 8897 06-DEC-2001;
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                                 Sequence 8896 from Patent W00192524. CQ624156
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CQ624158
CG624158.1 GI:41674376
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Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 93.33
Matches 14; Conservative
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Matches 14; Conserv
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 019254-A 67 06-DEC-2001,
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Query Match
0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 67 from Patent WO0192524.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'organism="Homo sapiens"
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Location/Qualifiers
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Location/Qualifiers
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Homo sapiens
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Unclassified.
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I dbases.
Pavob.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavob.P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4221 12-FEB-2002;
Location/Qualifiers
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Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 438 04-MAR-2003;
Location/Qualifiers
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93.3%; Pred. No. 6.2e+02;
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ilarity 93.3%; Pred. No. 6.2e+02;
Conservative 0; Mismatches 1;
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Ive 0; Mismatches 1;
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/organism="unknown"
/mol_type="unassigned RNA"
                             0; Mismatches
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Bathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1929 12-FEB-2002;
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus
infections
Patent: US 5442049-A 33 15-AUG-1995;
Location/Qualifiers
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                                                                  Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
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                                                                                     Shannon, M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 8898 06-DEC-2001;
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AR186441.
AR186441.1 GI:20232406
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 656127-A 4764 20-MAY-2003;
Location/Qualifiers
    Gaps
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonucleotides with enzymatic activity
Patent: Location/Qualifiers
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AR398056
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AR398122
    Mismatches
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KEYWORDS
SOURCE
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 474 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1988 20-MAY-2003;
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                                      Deigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J. Sweedler, D. and Zinnen, S. Syntheic ribonucleic acids with RNAse activity Patent: US 6528640-A 504 04-MAR-2003; Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned RNA"
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.B.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 67 03-FEB-2004;
Location/Qualifiers
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Sequence 66 from patent US 6686188.
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AR456389.1 GI:42691446
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Sequence 67 from patent US 6686188.
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/organism="unknown"
/mol_type="genomic DNA"
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289 CTTCGTTCTGCACGG 303
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Batters S., Fell, P. and McSwiggen, J.A.

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Patent: US 6623962-A 301 23-SEP-2003,

Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E Patent: US 6656700-A 546 02-DEC-2003;
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/mol_type="unassigned RNA"
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Polymucleotide encoding a human myosin-like polypeptide expressed
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Shannon, M.E.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 8897 03-FEB-2004;
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Patent: US 6686188-A 8896 03-FEB-2004;
Location/Qualifiers
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AR465220
AR46520.1 GI:42700277
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/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR465219
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/organism="unknown"
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Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 8898 03-FEB-2004;
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                                          Gaps
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
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    Length 17;
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Patent: WO 0159103-A 3331 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt,
MCSWiggen, James (US) ; Chowrira, Bharat M. (
Location/Qualifiers
0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 6.2e+02;
live 0; Mismatches 1;
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93.3%; Pred. No. 6.2e+02;
ve. 0; Mismatches 1;
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/note="Nucleic Acid"
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Sequence 3331 from Patent W00159103.
AX217889
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artificial sequences.
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Best Local Similarity 93.3%;
Matches 14; Conservative
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PAT 12-AUG-2002
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.2e+02;

Matches 14; Conservative 0; Mismatches 1; Indels
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                                         Janag, J.
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 232 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 233 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 233 from Patent W00224750.
AX475012.
AX475012.1 GI:22214297
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/organism="Homo sapiens"
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Sequence 62 from Patent BP1229046.
AX498755
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                          PAT 07-SEP-2001
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1902 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                   Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3332 16-AUG-2001;
RIBOYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Sequence 1902 from Patent WO0188124.
AX423566
                          AX217890 17 bp R1
Sequence 3332 from Patent WO0159103.
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Sequence 232 from Patent W00224750.
AX475011
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15 ATCAGGTGCAGTCTC 1
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Homo sapiens
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Homo sapiens
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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93.3%; Pred. No. 6.2e+02;
tive 0; Mismatches 1;
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Patent: EP 1239051-A 978 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 979 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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                                     AX531469 17 bp 1
Sequence 978 from Patent BP1239051.
AX531469
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AX531470
AX531470.1 GI:25254717
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 6.2e+02;
0; Mismatches 1; Indels
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Patent: EP 1229046-A 65 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                            Query Match 0.8%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 6.2e+02; Matches 14; Conservative 0; Mismatches 1;
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Patent: BP 1239051-A 977 11-SBP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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Sequence 65 from Patent EP1229046.
AX498758
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Sequence 977 from Patent EP1239051.
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AX531468.1 GI:25254713
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Homo sapiens
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Best Local Similarity
Matches 14; Conserv
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 810 14-FBB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                  Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 338 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 6.2e+02;
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Sequence 810 from Patent W00211674.
AX578972 AX578972.1 GI:27648174
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Sequence 338 from Patent WO0211674.
AX578500

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Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 93.33
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Best Local Similarity 93.33
Matches 14; Conservative
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AX578972
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AX578500
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1239051-A 1806 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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human posh-like protein 1
Patent: EP 1239051-A 1804 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1805 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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                                                                                                                               /organism="Homo sapiens"
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AX532297
AX532297.1 GI:25256377
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PAT 10-JAN-2003

RESULT 1108

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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1237 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel—1 (clca—1)
Patent: WO 0211674-A 1500 14-FEB-2002;
RIBOZYME PHARMACETICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                           Sequence 1237 from Patent W00211674. AX579399
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AX579662
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

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/db_xref="taxon:9606"
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Location/Qualifiers
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Patent: WO 0211674-A 1189 14-FEB-2002;
RIBOZYME PHARMACENTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
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Patent: WO 0211674-A 1190 14-FBB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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2 GCAGGCCAGCTTTC 16
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Homo sapiens
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Best Local Similarity 93.3
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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RESULT 1109

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RESULT 1110

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Patent: WO 030251.76-A 2012 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent: WO 0211674-A 1662 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PAT 27-MAR-2003
                                                                                                                     Method and reagent for the inhibition of calcium activated chloride chandel (clos-1) (clos-1) Patent: WO 0211674-A 1553 14-FEB-2002; RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                    ____Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
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/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                   Homo sapiens (human)
Homo sapiens
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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13.3%; Pred. No. 6.2e+02;
ve. 0; Mismatches 1;
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Patent: WO 03004526-A 2785 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                      Patent: WO 03004526-A 1806 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2785 from Patent WO03004526.
AX674340 GI:29332688
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Mus musculus
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Momo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Verrebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments and as a 27-MAR-2003; Patent: WO 3022177-A 86 27-MAR-2003; Molecular Engines Laboratories (FR)
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   Pred. No. 6.2e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 86 from Patent WO03025177.
AX734496
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   Best Local Similarity 93.3%; Pr
Matches 14; Conservative 0;
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                                                          1468 CTGGGGGGGGGATC 1482
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Best Local Similarity 93.33
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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93.3%; Pred. No. 6.2e+02;
iive 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX727728
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Molecular Engines Laboratories (FR)
Location/Qualifiers

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/organism="Mus musculus"
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/organism="Mus musculus"
Location/Qualifiers
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Mus musculus
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Best Local Similarity 93.3%
Matches 14; Conservative
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AX725610
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AX727728/c
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unidentified
unclassified.

In [bases 1 to 17)

Rhthar, S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 301 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified

PN 07-AUG-2001

PP 14-JAN-1999 UP 1998532913

PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI C12N9/00, COYK14/71

CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
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Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 1;
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                 Jannon, M. and Phan, T.
Human angiomotin-like protein 1
Patent: WO 03037931-A 306 08-WAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
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BD067461.1 GI:22613064
JP 2001511003-A/301.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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13.3%; Pred. No. 6.2e+02;
ve 0; Mismatches 1; Indels
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Patent: WO 03037931-A 304 08-MAX-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Patent: WO 03037931-A 305 08-MAX-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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                                              Sequence 304 from Patent WO03037931. AX753957
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Sequence 305 from Patent W003037931.
AX753958.1 GI:32166655
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Unknown.
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In bases 1 to 18)
Fischmeister,R., Langlois,M., Dahmoune,Y., Gastineau,M., Blondel,O. and Roebee,J.
Splice variants for human 5-HT4 serotonin receptor and their applications, in particular for screening
Patent: US 650680-A 18 14-ZAN-2003;
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AR297042.
AR297042.1 GI:31684326
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Sequence 18 from patent US 6506580.
AR274512
                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
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93.3%; Pre
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Matches 14; Conservative
          Best Local Similarity 93.3
Matches 14; Conservative
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                                                                             1 (bases 1 to 18)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLECTIDE PREPARATION METHOD
PALENT: WO 9833904-A 1655 06-AUG-1998.
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Antisense modulation of G-alpha-13 expression Patent: US 5981732-A 77 09-NOV-1999; Location/Qualifiers
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1 (Dases 1 to 18)
Pilarski,L.M., Belch,A.R. and Szczepek,A.J.
Methods for detection of rearranged DNA
Patent: US 6416948-A 11 09-UUL-2002;

    .18
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Sequence 77 from patent US 5981732.
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                                                                                                                                                                                                                                                                                                         337 GAGGACTIGAAGAIG 351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             810 TATCCACACGGAGAA 824
          A89507.1 GI:6738077
                                                                                                                                                                                                                                                                                                                                   18 GAAGACTTGAAGATG 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.
1 (bases 1 to 18)
Cowsert, L.M.
                                                                                                                                                                                                                                                                            14; Conservative
                                   unidentified
unidentified
unclassified.
                                                                                                                                                                                                                                                              Similarity
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Best Local &
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KEYWORDS
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AR217310/c
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AUTHORS
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CI2N15/09, CI2N15/09, CI2N1/00, CI2Q1/68, G01N33/53, G01N33/566, PC CI2N15/00,
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Synthetic construct DNA, reverse primer for human STS sts-T54162 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="reverse primer for human STS sts-T54162 at 1p36 sts-T54162 obtained from clones B315013, B19203, B147J24, B108P6, B97P12, B111J12, B175M7, Human BAC library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Matanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8047)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 (2001) (21269192
                                                                       A method of arraying genome clone
Parent: JP 2001321190-A 1876 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
                                                                                                                                                                                                                                                                                                                                       Description of Artificial Sequence:Synthetic DNA FH Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 13.4; DB 1; Length 18; 33.3%; Pred. No. 6.8e+02; ve 0; Mismatches 1; Indels
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
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/db xref="taxon:32630"
1..18
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/db_xref="taxon:32630"
                                                                                                                                                                            Artificial Sequence
JP 2001321190-A/1876
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
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AB068263
AB068263.1 GI:15129067
                  synthetic construct artificial sequences.
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Horii, A.
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Schlingensieper, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2011511000-A 1655 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MEH
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KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CALLINGEN/11, CO7H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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                                                                                                  Picoult-Newburg, L. and Pohl, M. Genotyping reagents, Kits and methods of use thereof Patent: WO 0129262-A 2845 26-APR-2001; Orchid BioSciences, Inc. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                        nery Match 0.8%; Score 13.4; DB 1; Length 18; lest Local Similarity 93.3%; Pred. No. 6.8e+02; latches 14; Conservative 0; Mismatches 1; Indels
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An antisense oligonucleotide preparation method.
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                                                                                                                                                                                                           1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="Primer"
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31-JAN-1997 EP 97101531
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07-AUG-2001
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JP 2001511000-A/1655.
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AR199290.1 GI:20249364
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                                                                                                                       Query Match
Best Local Similarity 93.3%
Matches 14; Conservative
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Best Local Similarity 93.35
Matches 14; Conservative
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SM Staphylococcus aureus
SM Staphylococcus aureus
SM Staphylococcus aureus
Bacteria; Firmicutes; Bacillales; Staphylococcus.
I (Dases 1 to 19)
SM Sarin,K.R.B., Michael,A.L. and Patrik,V.W.
Novel prokaryotic polymuclectide, polypeptide and utilization
L Patent: JP 199155586-A 23 15-JUN-1999;
SMITHKLINE BEECHAM CORP
OS Staphylococcus aureus
PN 1999155586-A/23
PD 15-JUN-1999
PF 05-AUG-1999 JP 1998255927
PR 05-AUG-1997 US 60/055387
PR 05-AUG-1997 US 60/055387
PR MARTIN KARL RASSERU BURNHAM,MICHAEL ARTHUR LONETTO, PI
PATRIK VANON WARREN
PC CINNIS/09, AGIK31/00, AGIK31/00, AGIK31/00, AGIK31/00, AGIK31/00,
                                                                                                                                                                                        DONA linear PAT 18-JUN-2001 Novel prokaryotic polynucleotide, polypeptide and utilization thereof.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12P21/02, C12P21/08, C12Q1/68, G01N33/50, G01N33/53, G01N33/59,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A61K31/00, A61K31/00, A61K31/00, A61K31/00, A61K31/00, A61K38/00,
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Location/Qualifiers
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                             0.8%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 6.8e+02; rative 0; Mismatches 1; Indels
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Sequence 13 from patent US 5589570.
132966
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                                                                                          543 CITIGACAAGCCCT 557
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                                                                                                          Unclassified.
1 (bases 1 to 19)
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                                             Local Similarity
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132966
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Tamura, R.N. and Quaranta, V.
Integrin alpha subunit cytoplasmic domain polypeptides and methods Patent: US 5599570-A 13 31-DEC-1996;
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 19)
Jupe, E.R., Thompson, L.F., Resta, R. and Dell'Orco, R.T.
Diagnostic assay for breast cancer susceptibility
Patent: US 6355427-A 24 12-MAR-2002;
Location/Qualifiers
                                                                                                                                                                         0.8%; Score 13.4; DB 1; Length 19; 93.3%; Pred. No. 7.4e+02; tive 0; Mismatches 1; Indels
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AR199290
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1..19
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                                                                                                                              /mol_type="unassigned DNA'
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Sequence 4 from Patent W09924614.
AX003869.1 GI:9927582
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                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Targeted chromosomal genomic alterations with modified single
Stranded oligonucleotides
Stranded oligonucleotides
Datent: WO 0173002-4 4375 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Ribozyme therapy for the treatment of proliferative skin and diseases
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|db_xref="txxxon:966"
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/noTe="Oligonucleotide"
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Sequence 879 from Patent WO0130362.
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Location/Qualifiers
                                    AX129661.1 GI:14135966
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AX326569/c
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                                                                                                                                                                                                                               Hordeum vulgare
Sukaryora, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Pooideae, Triticeae, Hordeum.
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/mol_type="unassigned DNA"
/db xref="teaxon:32630"
/noTe="Primer"
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Seguence 285 from Patent WO0129262.
AX115162
                                                                                                                    Sequence 17 from Patent W09946404. AX017788
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Polypeptide from a hdm2 protein specific murine g(a)/g(b) t-cell
receptors, nucleic acids coding for the above and use thereof
Patent: WO 020705552-a 10 12-SEP-2002;
Stanislawski, Thomas (DE)
Location/Qualifiers
             Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
Patent: Wo 0192512-A 2707 06-DEC-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Pred. No. 7.4e+02;
0; Mismatches 1; Indels
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 Kmiec, E.B., Gamper, H.B., Rice, M.C. and Kim, J.
                                                                                        1...19
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/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="Oligonucleotide"
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Sequence 10 from Patent WO02070556.
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Best Local S:
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Best Local 8
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Proteins and nucleic acids encoding same Patent: WO 20064791-A 137 22-AUG-2002; Curagen Corporation (US)
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1P 2001503276-A/24
1P ARA-2001
0G-NOV-1997 JP 19998521886
07-NOV-1996 US 60/029978
ELDON R JUPE, LINDA F THOMPSON, REGINA RESTA, ROBERT T DELL'ORCO
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Jupe.B.R., Thompson,L.F., Resta,R. and DellGorco,R.T. Diagnostic assay for breast cancer susceptibility Patent: JP 2001503276-A 24 13-MAR-2001, OKLAHOMA MEDICAL RESEARCH FOUNDATION
                                                                     Length 19;
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                                                             0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 7.4e+02;
tive 0; Mismatches 1;
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93.3%; Pred. No. 7.4e+02;
ative 0; Mismatches 1;
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                              Sequence 137 from Patent W002064791. AX686093
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Strandedness: Single;
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JP 2001503276-A/24.
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synthetic construct
artificial sequences.
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Best Local Similarity 93.33
Matches 14; Conservative
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Ceruti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                        PAT 27-APR-1994
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A class of highly polymorphic tetranucleotide repeats for canine genetic mapping 1 (5), 359-362 (1996) 96266603 8661717
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Method for the quantitative determination of DNA sequences
Patent: BP 0461495-A 6 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pourzand, C.
Method for the quantitative determination of DNA sequences
Patent: EP 0461496-A 1 18-DEC-1391;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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complement(1...20)
/note="2152F"
/note="2152F"
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17 2002502584-A/4
29-JAN-2002
06-NOV-1998 JP 2000519606
06-NOV-1999 US 60/064880
ELDON R JUPP LINDA F THOMPSON, REGINA RESTA, ROBERT T DELL'ORCO C1201/68, C12N15/09, C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        genetic marker; microsatellite; tetranucleotide repeat.
Canis familiaris (dog)
Canis familiaris (dog)
Eudaryota; microsatellite; tetraniara; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
I (bases I to 20)
Francisco, L.V., Langston, A.A., Mellersh, C.S., Neal, C.L. and Ostrander, E.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 19)
Jupe, B.R., Thompson, L.F., Resta, R. and DellGorco, R.T.
Diagnostic assay of cancer morbidity
Patent: JP 2002502584-A 4 29-JAN-2002,
OKLAHOMA MEDICAL RESEARCH FOUNDATION
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                                                                                                                                                         ch 0.8%; Score 13.4; DB 1; Length 19; 1 Similarity 93.3%; Pred. No. 7.4e+02; 14; Conservative 0; Mismatches 1; Indels
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    19
/organism='Unidentified'.

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        Location/Qualifiers
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Diagnostic assay of cancer morbidity.
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    Location/Qualifiers
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JP 2002502584-A/4.
Homo sapiens (human)
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PAT 27-APR-1994

linear

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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and
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Method for the quantitative determination of DNA sequences
Patent: EP 0461496-A 20 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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Patent: US 5763174-A 49 09-JUN-1998;
Location/Qualifiers
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1 (bases 1 to 20)
First, M. Kent., Agoulnik, A.I. and Muallem, A.
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ilarity 93.3%; Pred. No. 7.9e+02;
Conservative 0; Mismatches 1;
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Sequence 49 from patent US 5763174.
AR011896
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1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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Method for the quantitative determination of DNA sequences
Patent: BP 0461496-A 8 18-DEC-1991,
BEHRINGWERE Aktiengesellschaft
Location/Qualifiers
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93.3%; Pred. No. 7.9e+02;
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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AR019195
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Best Local Similarity 93.3%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Unclassified.
E (bases 1 to 20)
S First, M.Kent., Agoulnik, A.I. and Muallem, A.
S First, M.Kent., Agoulnik, A.I. and Muallem, A.
Male infertility y-deletion detection battery
AL Patent: US 5776682-A 85 07-UUL-1998;
Location/Qualifiers
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First, M. Kent. and Agoulnik, A.I.
Male infertility Y-deletion detection battery
Patent: US 5783390-A 60 21-UUL-1998;
Location/Qualifiers
  Male infertility y-deletion detection battery Patent: US 5776682-A 60 07-JUL-1998; Location/Qualifiers
                                                                                         Score 13.4; DB 1;
Pred. No. 7.9e+02;
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Sequence 60 from patent US 5783390.
AR019170
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/organism="unknown"
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AR016197
AR016197.1 GI:3972474
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                                                                                            uery Match 0.8%; sest Local Similarity 93.3%; latches 14; Conservative (
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PAT 05-DEC-1998
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First, M.Kent. and Muallem, A.
Male infertility Y-deletion detection battery
Patent: US 5840549-A 16 24-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                First, M. Kent. and Agoulnik, A.I.
First, M. Kent. and Agoulnik, A.I.
Male infertility Y-deletion detection battery
Patent: US 5783390-A 85 21-UUL-1998;
Location/Qualifiers
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13.3%; Pred. No. 7.9e+02;
.ve 0; Mismatches 1;
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Sequence 37 from patent US 5840549.
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Sequence 16 from patent US 5840549.
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/mol_type="unassigned DNA"
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/organism="unknown"
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AR159690
AR159690.1 GI:16222443
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AR177700/c
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AR159690/c
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Popoff, I., Brown-Driver, V.L. and Cowsert, L.M.
Antisense inhibition of e2f transcription factor 1 expression
Patent: US 6187587-A 65 13-FEB-2001;
Location/Qualifiers
                                       Gaps
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                                                                                                                                                                                                                                                             Unclassified.
1 (bases 1 to 20)
Monia, B.P., Gaarde, W.A., Nero, P.S. and McKay, R.
Antisense modulation of P38 mitogen activated protein kinase
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        Query Match 0.8%; Score 13.4; DB 1; Length 20; Best Local Similarity 93.3%; Pred. No. 7.9e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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ilarity 93.3%; Pred. No. 7.9e+02;
Conservative 0; Mismatches 1; Indels
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Patent: US 6140124-A 65 31-OCT-2000;
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                                                                                                                                                               ARI17573 20 bp Sequence 65 from patent US 6140124.
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1. .20
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 36 from patent US 6197505.
AR137289 AR137289.1 GI:14478798
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                                                              1574 CAGGCAGGCCAGCTT 1588
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Matches 14; Conserv
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AR117573/c
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                                                                        Lindstrom, P.Harry.Rutger.
Methods for assessing cardiovascular status and compositions for
use thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 20)

Tsen,H.-Y. and Lin,J.-S.

PCR primers for the rapid and specific detection of Salmonella typhimurium
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93.3%; Pred. No. 7.9e+02;
tive 0; Mismatches 1; Indels
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Unknown.
Unclassified.
1 (bases 1 to 20)
Norberg, L.Torbjorn., Andersson, M.Kristina. and
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Sakurada, K., Palmer, T. and Gage, F.H.
Regulation of tyrosine hydroxylase expression
Patent: US 6312949-A 40 06-NOV-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                    0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 7.9e+02;
live 0; Mismatches 1;
                                                                                                                                     Patent: US 6197505-A 36 06-MAR-2001;
Location/Qualifiers
                                                                                                                                                                           1. 20
/organism="unknown"
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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AR177700
AR177700.1 GI:17920055
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/organism≈"unknown"
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Canis ramiliaris

Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

To (bases 1 to 20)

SS Galibert, F. and Andre, C.

Total genome radiation hybrid map of canine genome and its use for identification of interesting genes

AL Prent: JP 2002330091-A5 117-SEP-2002;

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

OS Canis familiaris (dog)

PF 15-NOV-1999 UP 2000582596

PF 15-NOV-1999 UP 2000582596

PR 13-NOV-1999 UP 2000582596

PR 15-NOV-1999 UP 2000582596

PR 15-NOV-1990 UP 2000582596

PR 15-NOV-1990 UP 2000582596

PR 15-NOV-1990 UP 2000582596

PR 15-NOV-1990 UP 2000582596

PR 15-NOV-1990 UP 2000582596

PR 15-NOV-1
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UP 2002530091-A/675.
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                                   Topology: Linear, Male infertility Y-deletion detection battery Location/Qualifiers
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93.3%; Pred. No. 7.9e+02;
tive 0; Mismatches 1;
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/organism="Canis familiaris"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:9615"
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               Strandedness: Single;
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JP 2002530091-A/51.
Canis familiaris (dog)
Canis familiaris
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Best Local Similarity
Matches 14; Conserv
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Male infertility X-deletion detection battery FH
Location/Qualifiers
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93.3%; Pred. No. 7.9e+02;
iive 0; Mismatches 1; Indels
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Pred. No. 7.9e+02;
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unclassified.

I (bases 1 to 20)
First,M.K. and Muallem,A.
Male infertility Y-deletion detection battery
Patent: JP 2002510962-A 16 09-APR-2002;
PROMEGA CORP
OS Unidentified
PN JP 2002510962-A/16
PD 09-APR-2002
PF 04-DEC-1997 JP 1998525914
PR 04-DEC-1996 US 08/753979
PI MARIJO KENT FIRST,ARIEGE MUALLEM
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I (Bases I to 20)
First, M.K. and Muallem, A.
Male infertility Y-deletion detection battery
Patent: JP 2002510962-A 37 09-APR-2002;
PROMEGA CORP
OS Unidentified
PN JP 2002510962-A/37
PD 09-APR-2002
PF 04-DEC-1997 JP 1998525914
PR 04-DEC-1996 US 08/753979
PI MARIOO KENT FIRST, ARIEGE MUALLEM
PC C12Q1/68
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Male infertility Y-deletion detection battery.
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BD195403
BD1955203
BD19552-A/16.
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                                          1; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 93.3
Matches 14; Conservative
                      est Local Similarity 78.9
atches 15; Conservative
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JP 1999292795-A/78.
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                     Query Match
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TITLE
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                              Eukaryota, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 20)

Galibert,F. and Andre,C.

Total genome radiation hybrid map of canine genome and its use for identification of interesting genes

All Patent: JP 2002530091-A 675 17-SEP-2002;

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

OS Canis familiaris (dog)

PP JOE02530091-A/675

PP 17-SEP-2002

PP 17-SEP-2002

PP 15-NOV-1999 UP 2000582596

PR 13-NOV-1999 UP 2000582596

PR 15-NOV-1999 UP 2000582596

PR 15-NO
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Norberg, L.T., Andersson, M.K., Lindstrom, P.H.R. and Jonsson, L.
Genes for assessing cardiovascular status and compositions for use
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PAIROSEAKRNSINGU AB
OS Artificial Sequence
N JP 2002527079-A/36
PD 27-AUG-2002
PF 13-OCT-1999 US 60/104286,14-OCT-1998 US 60/104302
LEIF TORBUORN NORBERG,MARIA KRISTINA ANDERSSON,PER HARRY PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SR LINDSTROM,
LENA JONSSON
C12Q1/68,C12N15/09//G01N33/53,G01N33/566,C12N15/00 CC
                                                                                                                                                                                                                                                                                                                                                                                                                             ce 1..20 /organism='Canis familiaris (dog)'.
Location/Qualifiers
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Location/Qualifiers
1. .20
/organism="synthetic construct"
/mol_type='genomic DNA"
/db_xref='taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 7.9e+02; ive 0; Mismatches 1; Indels
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/mol_type="genomic DNA"
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JP 2002527079-A/36.
Canis familiaris (dog)
Canis familiaris
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BRETT P MONIA, WILLIAM A GAARDE, PAMELA S NERO,ROBERT MCKAY,IAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C12N15/09, A61K31/711, A61P19/02, A61P29/00, A61P29/00, A61P37/06,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C12N5/10,C12N9/99,C12N15/00,C12N5/00
Antisense modulation of p38 mitogen activated protein kinase
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BD250309.1 GI:33060079
JP 2002540781-A/61.
SWITCHELIC CONSTRUCT
SWITCHELIC CONSTRUCT

artificial sequences.

E 1 (bases 1 to 20)
S Monia,B.P., Gaarde,W.A., Nero,P.S., Mckay,R. and Popoff,I.
Antisense modulation of p38 mitogen activated protein kinase
I. Patent: JP 2002540781-A 61 03-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002540781-A/61
PD 03-DEC-200
PF 04-ARR-2000 JP 2006609429
PR 06-APR-1999 US 09/286904
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Antisense modulation of p38 mitogen activated protein kinase
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Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
HIV cofactor inhibitor
Patent: JP 1999222795-A 78 26-OCT-1999;
YAMAOUCHI PHARMACEUT CO LTD
OS Unidentified
PN JP 1999292795-A/78
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Location/Qualifiers
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0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 7.9e+02;
tive 0; Mismatches 1;
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|db_xref="taxon:32630"

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Unclassified.

1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and Pourzand,C.
Method for the quantitative determination of DNA sequences
Patent: US 6337182-A 1 08-JAN-2002;
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                                                    Unclusified.
Unclassified.
1 (bases 1 to 20)
MacDonald, M.E., Ambrose, C.M., Duyao, M.P. and Gusella, J.F.
Huntingtin DNA, protein and uses thereof
Patent: US 5686288-A 25 11-NOV-1997;
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93.3%; Pred. No. 7.9e+02;
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MacDonald, M.E., Ambrose, C.M., Duyao, M.P.
Huntingtin DNA, protein and uses thereof
Patent: US 5693757-A 25 02-DEC-1997;
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Sequence 25 from patent US 5693757.
178528
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Sequence 1 from patent US 6337182.
AR182017
AR182017.1 GI:20224933
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I73398.1 GI:3009539
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                                               HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CI2R1:19),
pc (CI2N1/21, CI2R1:19), (C12P21/02, C12R1:19), C12N15/00, (C12N15/00,
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15/09, C07K14/245, C12N1/21, C12P21/02, G01N33/569//(C12N15/09), PC
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Location/Qualifiers
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Location/Qualifiers
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DNA linear I E50954

Spoots for preparing Escherichia coli H antigen. E50954.1 GI:18622154

E50954.1 GI:18622154

JP 2000279176-A/11.

Synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 20)

Process for preparing Escherichia coli H antigen

COS Artificial Sequence

PRATINE BIOTECHNOLOGY INST CO LTD

OS Artificial Sequence

PR 31-MAR-1999 UF 1999092890
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93.3%; Pred. No. 7.9e+02;
live 0; Mismatches 1; Indels
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Location/Qualifiers
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Sequence 25 from patent US 5686288.
173398
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                02-APR-1998 JP 1998125452
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PAT 20-JUN-2002
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Baker,B.F. and Freier,S.M.
Antisense modulation of interleukin 12 p35 subunit expression
Patent: US 6399379-A 44 04-JUN-2002;
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1 (bases 1 to 20)
Monia,B.P., Gaarde,W.A., Nero,P. and McKay,R.
Antisense modulation of p38 mitogen activated protein kinase
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93.3%; Pred. No. 7.9e+02;
ative 0; Mismatches 1;
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             Unclassified.

1 (bases 1 to 20)

Bennett, C.Frank. and Cowsert, L.M.
Antisense modulation of talin expression
Patent: US 6372492-A 26 16-APR-2002,
Location/Qualifiers
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Patent: US 6448079-A 65 10-SEP-2002;
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Sequence 44 from patent US 6399379.
AR212077.1 GI:21515567
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AR228858
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1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
                                                                                                                               PAT 20-APR-2002
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Location/Qualifiers
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93.3%; Pred. No. 7.9e+02;
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/organism="unknown"
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/mol_type="unassigned DNA"
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Sequence 6 from patent US 6337182.
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Sequence 8 from patent US 6337182.
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PAT 12-JUN-2003

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disequilibrium map of the human genome Patent: US 6537751-A 7238 25-MAR-2003; Location/Qualifiers
                                                                                                                                                                                                                                       AR312018 20 bp DNV
Sequence 2555 from patent US 6559294.
AR312018
AR312018.1 GI:31705444
                                                               /mol_type="genomic DNA"
                                     1. .20
/organism="unknown"
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Sequence 5490 from patent AR314953
AR314953.1 GI:31708379
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                                                                                                                                                                Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 20)
Aitman,T.J., Scott,J. and Stanton,L.W.
Compositions and methods of disease diagnosis and therapy
Patent: US 6322976-A 157 27-NOV-2001;
Location/Qualifiers
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1 (bases 1 to 20)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
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Patent: US 6492170-A 106 10-DEC-2002;
Location/Qualifiers
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Sequence 7238 from patent US 6537751.
AR295503.
AR295503.1 GI:31682787
                                                                               20 bp D1
Sequence 157 from patent US 6322976.
AR261678
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Sequence 106 from patent US 6492170.
AR265925
AR265925.1 GI:29694771
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Watt, A.T.
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1 (bases 1 to 20)
Griffais R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.
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                                                                        Chlamydia pneumoniae polynucleotides and uses thereof Patent: US 6559294-A 2555 06-MAY-2003; Location/Qualifiers
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93.3%; Pred. No. 7.9e+02;
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US 6559294.
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/organism="unknown"
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AX076814.1 GI:12711254
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Best Local Similarity 93.3
Matches 14; Conservative
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Genetic polymorphism and polymorphic pattern for assessing disease status, and compositions for use thereof Patent: WO 0056922-A 36 28-SEP-2000;
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Patent: US 6692915-A 11 17-FEB-2004;
Location/Qualifiers
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/organism="unknown"
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Patent: US 6566135-A 53 20-MAY-2003;
Location/Qualifiers
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                       Sequence 53 from patent US 6566135. AR337128
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Sequence 11 from patent US 6692915.
AR474657
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Determination of adrenomedullin-binding proteins
Patent: WO 0118550-A 4 15-WAR-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
NORBERG LEIF TORBJORN (SE) ; OLAISSON ERIK (SE) ; JONSSON LENA ; GEMINI GENOMICS AB (SE) ; LINDSTROM PER HARRY RUTGER (SE) ; SANDERS RHIANNON (SE)
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93.3%; Pred. No. 7.9e+02;
tive 0; Mismatches 1;
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Best Local Similarity 93.3%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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/noTe="Oligonucleotide primer"
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Seguence 15 from Patent WO0070024.
AX076814
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Sequence 4 from Patent W00118550.
AX093458.1 GI:13509903
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PAT 06-AUG-2001

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linear PAT 06-AUG-2001
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Transcription factor stress-related proteins and methods of use in
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Transcription factor stress-related proteins and methods of use in
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93.3%; Pred. No. 7.9e+02;
Live 0; Mismatches 1; Indels
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Best Local Similarity 93.3%; Pred. No. 7.9e+02;
Matches 14; Conservative 0; Mismatches 1;
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BASF Plant Science GmbH (DE)
Location/Qualifiers
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Patent: WO 0145493-A 53 28-JUN-2001;
BASF Plant Science GmbH (DE)
Location/Qualifiers
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Sequence 46 from Patent W00145493.
AX180995 GI:15132778
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Sequence 64 from Patent WO0151631.
AX195360.1 GI:15385909
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Sequence 53 from Patent WO0145493.
AX181002
AX181002.1 GI:15132785
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Highly conserved genes and their use to generate probes and primers for detection of microorganisms
Patent: WO 0123604-A 804 65-APR-2001,
Infectio Diagnostic (I.D.I.) INC. (CA)
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Sequence 804 from Patent WO0123604.
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Sequence 15 from Patent EP1061129.
AX139717
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PAT 28-AUG-2001

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 8901 25-0CT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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Tnf-inducible promoters and methods for using
Patent: WO 0246433-A 93 13-JUN-2002;
Saus, Juan (ES)
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/note="Hypothetical Probe Sequence"
                                                                                                                        Score 13.4; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 1;
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Sequence 8901 from Patent WO0179548.
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Sequence 93 from Patent WO0246433.
AX477641
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                                                                                     /note="Primer"
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Best Local Similarity 93.3
Matches 14; Conservative
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                                              Reske-Kunz, A., Ross, X., Ross, R. and Bros, M.
Regulatory sequence for the specific expression in dendritic cells and uses thereof
Patent: WO 0151631-A 64 19-JUL-2001;
Bros, Matthias (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf (DE) ;
Bros, Matthias (DE)
Location/Qualifiers
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Pyrophosphatase stress-related proteins and methods of use in
plants
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larity 93.3%; Pred. No. 7.9e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="artificial sequence"

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Primer"

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BASF Plant Science GmbH (DE)
Location/Qualifiers
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Sequence 24 from Patent WO0145492.
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Markers for testing analogs of vitamin d and therapeutical uses Patent: WO 0244403-A 46 06-JUN-2002; MCGILL UNIVERSITY (CA)
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JP 2001519660-A/36
23-OCT-2001
01-APR-1998 JP 1998542530
04-APR-1997 US 60/042930
LEIF TORBJORN NORBERG,MARIA KRISTINA ANDERSSON, PER HARRY
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Description of Artificial Sequence: PCR PRIMER FH
Location/Qualifiers
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AX554359
AX554359.1 GI:25898175
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Best Local Similarity 93.3%;
Matches 14; Conservative
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PC C12Q1/68,C07
CC Description
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BD167919/c
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/db_xref="teaxon:32630"
/noTe="Primer ON-DinB1-F3"
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AX488332
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Patent: WO 0246378-A 93 13-JUN-2002;
Saus, Juan (ES)
Location/Qualifiers
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Sequence 46 from Patent WO0244403.
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Sequence 93 from Patent WO0246378.
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AX505061.1 GI:23386383
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                 537 CCCCATCTTTGACAA 551
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Satches 14; Conserv
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554359
5US
FINITION
                                                                                         ULT 1201:88332
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Original source text: Canis familiaris DNA.
Gene-specific universal mammalian sequence-tagged site for TCRB.
Primer for the 3' end is in exon 3. Human product is 300 bp. Canine
product is 260 bp.
                                                                                                                                                                                                                                                                                                                                                                                                                                              STS 11-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                L77399.1 GI:1261776
STS; PCR identification; PCR primer; T-cell receptor beta; sequence
tagged site; universal mammalian STS.
Canis familiaris (dog)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            אפן-Ymay-1994 באבאשריים וואס 18 אמן 18 אמיים 103-May-1994 D.melanogaster (nLA249) Adh gene, intragenic deletion.
X78386
             3 min,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalla; Eutheria, Carnivora, Fissipedia, Canidae, Canis.

1 (Dases 1 to 21)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J. Gene-specific universal mammalian sequence-tagged sites:
Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCR conditions: 1 min, 94 C, 2 min,57 C, 3 min, 72 C, 35 cycles. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                            Canis familiaris T-cell receptor beta (TCRB) STS DNA, 3'primer, sequence tagged site.
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alcohol dehydrogenase; intragenic deletion.
Drosophila melanogaster (fruit fly)
Drosophila melanogaster
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
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             57
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                                                                                                                                                                                                                               Score 13.4; DB 1; Length 2
Pred. No. 7.9e+02;
0; Mismatches 1; Indels
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             υ
             94
     product is 151 bp. PCR conditions: 1 min, 72 C, 35 cycles. Location/Qualifiers
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/evidence=experimental
                                                                           /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
1..20
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93.3%; Pred. No. 7...
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db xref="taxon:9615"
1..20
                                                                                                                                                         'note="PCR primer binding
                                                                                                                                                                             /evidence=experimental
1. .20
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VERSION
KEYWORDS
SOURCE
ORGANISM
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         PAT 17-JAN-2003
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G01N33/50//C12P21/08, (C12N5/10,C12R1:91), (C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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Gene-specific universal mammalian sequence-tagged site for HOX7.
Primer for the 3' end is in exon 2. Human product is 151 bp. Canine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C12N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02, PC
                                                                                                                                                                                                        Method of examining allergic disease
Patent: W0 0226562-A 18 04-APR-20102;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MAGARAZU ADACHI, KAZUO MIYANACA YUJI
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
NAGASU, HIROHISA SAITO
OS ATTÍFICIAL SEQUENCE
PN WO 0226962-A/18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalla; Eutheria, Carnivora, Fissipedia, Canidae, Canis. (Dases 1 to 210)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J. application to the canine genome sequence-tagged sites: Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                          PD 04-APR-2002
PF 21-SBP-2001 WO 2001JP008247
PF 26-SBP-2000 JP 00P 293021
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, PI TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 177371.1 GI:1261709
STS; Homeobox 7; PCR identification; PCR primer; sequence tagged
site; universal mammalian STS.
Canis familiaris (dog)
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Canis familiaris Homeobox 7 (HOX7) STS DNA, 3' primer, sequence
tagged site.
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                                                                                                                                                                   Sugita, Y., Hashida, R., Ogawa, K., Fujishima, T., Nagasu, T. and Saito, H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;

    .20
    /organism='Artificial Sequence'

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         linear
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93.3%; Pred. No. 7.9e+02;
live 0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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20 bp DNJ Method of examining allergic disease. BD167919.1 GI:27873731
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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C12Q1/68,
PC A01K6
PC G01N3
PC G01N3
CC Descr
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Matches 14
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Indels

Length 18;

PAT 08-SEP-2000

linear

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0.8%; Score 13.2; DB 1;
13.3%; Pred. No. 7.5e+02;
.ve 0; Mismatches 3;
                                                                                                    0.8%; Score 13.2; DB 1;
13.3%; Pred. No. 7.5e+02;
.ve 0; Mismatches 3;
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 70 28-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                    DNA
                Patent: US 5989849-A 15 23-NOV-1999;

    .18
    /organism="unknown"
    /mol_type="unassigned DNA"

                                                                                                                                                                                                                                                              AR096399
Sequence 70 from patent US 6007995.
AR096399
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/organism="unknown"
                             Location/Qualifiers
                                                                                                                                                                  953 GCCACCGCCAGAAGGTGC 970
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                                                                                                     Query Match 0.8%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity 83.33
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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AR096647/c
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AR117188/c
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ACCESSION
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FEATURES
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AR096399/c
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Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilidae; Drosophilia.

I (bases 1 to 18)
Jiang,J.C., Lee,W.R., Chang,S.H. and Silverman,H.
Mechanisms for dominance: Adh heterodimer formation in heterozygotes between ENU or X-ray induced null alleles and normal alleles in Drosophila melanogaster
Environ. Mol. Mutagen. 20 (4), 260-270 (1992)
93049233
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Gewirtz,A.M. and Calabretta,B.
Antisense of oligonucleotides to c-kit proto-oncogene and in vitro methods
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                                                                                                                                                                                                organism="Drosophila melanogaster"
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1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of fan expression
Patent: US 5962671-A 22 05-OCT-1999;
Location/Qualifiers
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                                                                                                                                                                                                                                                                      4. .12
/gene="Adh"
/note="intragenic deletion
                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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/mol_type="unassigned DNA"
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Sequence 15 from patent US 5989849.
AR088252. AR088252.1 GI:10015015
                                                                                                                                                                                                           /mol_type="genomic_DNA"
/db_xref="taxon:7227"
4. .12
/gene="Adh"
                                                                                                                                                                     Location/Qualifiers
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Unclassified.
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Best Local Similarity
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088252/c
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378549/c
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Length 18;

ö ö PAT 08-SEP-2000 Gaps Gaps ô ; 0 0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 7.5e+02; tive 0; Mismatches 3; Indels linear Indels expression DNA 1 (bases 1 to 18)
Monia, B.P. and Cowsert, L.M.
Antisense inhibition of EGR-1 express
Patent: US 6008048-A 31 28-DEC-1999; 18 bp 18 Sequence 31 from patent US 6008048. AR096647 1. .18
/organism="unknown"
/mol_type="unassigned DNA"

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991 CAGAACCTGCTCATCAAC 1008
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JP 2002519015-A/70.
                  0.8%;
                  Query Match
Best Local Similarity 83.33
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserva
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BD176134
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ACCESSION
VERSION
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LOCUS
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SOURCE
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      PAT 16-MAY-2001
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Barany, F., Luo, J., Khanna, M. and Bergstrom, D.E.
High fidelity detection of nucleic acid differences by ligase
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S.
Composition and method for treatment of CMV infections
Patent: US 6153595-A 36 28-NOV-2000;
                                                                                                                                                                                                                  Score 13.2; DB 1; Length 18;
Pred. No. 7.5e+02;
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      linear
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3;
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83.3%; Pred. No. ...
                                                                                                                           Zinc finger binding domains for GNN Patent: US 6140081-A 112 31-OCT-2000; Location/Qualifiers
Sequence 112 from patent US 6140081.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               detection reaction
Patent: US 6312892-A 78 06-NOV-2001;
Location/Qualifiers
1. .18
                                                                                                                                                                                        /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                    Sequence 36 from patent US 6153595.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
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                                                                                                                                                                  1. .18
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                                                                                                                                                                                                                                                                  1094 CACTGTGGTACCGGCCC 1111
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                                        AR117188.1 GI:14098094
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Best Local Similarity 83.33
Matches 15; Conservative
                                                                                                     1 (bases 1 to 18)
Barbas, C.F.
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Unclassified.
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Best Local Similarity
Matches 15; Conserva
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                                                                SOURCE
ORGANISM
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JOURNAL
FEATURES
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AUTHORS
TITLE
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ORGANISM
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AUTHORS
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AUTHORS
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FEATURES
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LOCUS
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BD176134 18 bp DNA linear PAT 18-MAR-2003 Methods and reagents to direct and characterize norwalk virus. BD176134 BD176134 GI:29121838 JP 2002247998-A/4. unidentified
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PN 200247998-A/4
PD 2002247998-A/4
PD 30-SEP-2002
PF 28-DEC-2001 JP 2001399483
PR 08-NOV-1989 US 573509
PR 08-NOV-1989 US 573509
PR 08-NOV-1989 US 573509
PR 08-NOV-1989 US 573509
PR 08-NOV-1989 US 573509
PI MARY R BSTES, XI JIANG, DAVID Y GRAHAM
PC C12N15/09, C07K16/10, C12N5/10, C12N15/02, C12P19/34, C12P21/08, G01N33/569,
                                             Gaps
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Estes,M.K., Jiang,X. and Graham,D.Y.
Methods and reagents to direct and characterize norwalk virus
Patent: JP 2002247998-A 4 03-SEP-2002;
BAXLOR COLLEGE OF MEDICINE
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  Length 18;
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                                           Indels
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Norwalk virus cDNA
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unidentified
unidentified
unclassified.
unclassified.
unclassified.
unclassified.
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNRR1 expression
Patent: JP 2002519015-A 70 02-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PD 02-JUL-2002
PP 17-JUN-1999 JP 2000557265
Score 13.2; DB 1;
Pred. No. 7.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 7.5e+02;
rative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Antisense modulation of TNFR1 expression.
BD217447
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Location/Qualifiers
                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1. .18
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)
Chimeric protein between TGF-beta superfamilies
Chimeric protein between TGF-beta superfamilies
Artificial Sequence
Na Artificial Sequence
PP 07-027-1999 US 060103418,16-AUG-1999 US
PP 07-027-1999 US 60103418,16-AUG-1999 US
PREMANN OPPERMANN, MEI SHENG TAI, JOHN MCCARTNEY PC
C12N15/09, A61K38/22, A61P43/00, C07K14/495, C07K19/00, C12P21/02// PC
CC C12N15/00, A61K37/24
CC Description of Artificial Sequence: Primer #4 FH Key
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C12N15/00,A61K37/24
Description of Artificial Sequence: complement of Primer #4 FH
Y
C1S. (1). (18).
CS Location/Qualifiers
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PD 20-AUG-2002
PP 07-OCT-1999 JP 2000574702
PR 07-OCT-1998 US 60/103418,16-AUG-1999 US 09/374958 PI
PREMANN OPERMANN, MEI SHENG TAI, JOHN MCCARTNEY PC
C12N15/09,A61K38/22,A61P43/00,C07K14/495,C07K19/00,C12P21/02// PC
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description of Arrificial Sequence: Primer #4
Location/Qualifiers
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synthetic construct
artificial sequences.

1 (Daess 1 to 18)
Oppermann, H., Tai, M.S. and Mccartney, J.
Chimeric protein between TGF beta superfamilies
Patent: JP 2002526115-A 9 20-AUG-2002;
Chimeric protein between TGF-beta superfamilies.

    .18
/organism="synthetic construct"

    .18
        /organism="synthetic construct"
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/db_xref="taxon:32630"
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JP 2002526115-A/9
20-AUG-2002
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JP 2002526115-A/9.
                                                   BD234486.1 GI:33044256
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Best Local Similarity 83.3°
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SM synthetic construct
synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 18)
Baker, B.F., Cowsert, L.M., Monia, B.P. and Xu, X.S.
Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)
L Patent: JP 2002526095-A 109 20-AUG-2002;
L ISIS PHARMACHUTICALS INC
OS Artificial Sequence
PN JP 2002526095-A/109
PN 20-AUG-2002
PN 30-AUG-2002
PN 30-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-300-AUG-3
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                                                                                C12N15/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 13.2; DB 1; Length 18; 33.3%; Pred. No. 7.5e+02;
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organism='Artificial Sequence'
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                                                                                                                                                                        Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/wol_type="genomic DNA"
/db_xref="taxon:32644"
          26-JUN-1998 US 09/106038
BRENDA F BAKER, LEX M COWSERT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14-OCT-1998 JP 2000516019
14-OCT-1997 NS 60/061812
MARGARET B BLACK
C12N15/09,A61K31/711,A61K35/76,A61K38/45,A61K48/00,A61K49/00,
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ndedness: Single;
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Thymidine kinase mutants and fusion proteins having thymidine
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synthetic construct
artificial sequences.
(bases 1 to 18)
Oppermann,H., Tai,M.S. and Mccartney,J.
TGF-beta superfamily variant member containing morphogenetic
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Score 13.2; DB 1; Length 18; Pred. No. 7.5e+02; 0; Mismatches 3; Indels
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/organism='Unidentified'
Location/Qualifiers
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OS Unidentified
PN JP 2002516061-A/24
PN JP 2002516061-A/24
PR 14-OCT-1996 UP 2000516019
PR 14-OCT-1999 US 60/061812
PR 14-OCT-1999 US 60/061812
PC CI2N15/09, A61X31/711, A61X35/76, A61X38
PC A61P31/00,
PC A61P35/00, C12N5/10, C12N9/12, C12N15/00
PC Topology: Linear;
CC Topology: Linear;
CC Tymidine kinase and fusion pc CC Guanylate kinase and CC Guanylate kinase and CC Guanylate kinase activities
FT SOURCE //Ocganism='Unidentifiers
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Pred. No. 7.5e+02;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002526111-A/8.
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Best Local Similarity 83.3%;
Matches 15; Conservative
Query Match
Best Local Similarity 83.3%;
Matches 15; Conservative
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C12NS/00,A61K37/02
Description of Artificial Sequence: complement of Primer #4 FH
Docation/Qualifiers
CDS (1). (18).
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                                                                                                                                               09/374936 PI
                                           OS Artificial Sequence
PN JP 2002526111-A/8
PD 20-AUG-2002
PF 07-OCT-1999 US 60/103418,16-AUG-1999 US 09/374936 P
HERMAN OPPERWANN, MEI SHENG TAI, JOHN MCCARTNEY PC
C12N15/09, A61R38/00, A61P1/02, A61P1/16, A61P19/00, A61P4930, PC
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TGF-beta superfamily variant member containing morphogenetic
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1 (Dases I to 18)
Oppermenn, H., Tal, M.S. and Mccartney, J.
TGF-beta superfamily variant member containing morphogenetic
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Description of Artificial Sequence: Primer #4 FH
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                              organism='Artificial Sequence'
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PN JP 2002526111-A/9
PD 20-AUG-2002
PP 07-OCT-1999 JP 2000574686
PR 07-OCT-1999 US 60/103418,16-AUG-1999 US
HERMAN OPPERMANN,MEI SHENG TAI,JOHN MCCARTNEY PC
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    .18
    forganism="synthetic construct"
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Patent: JP 2002526111-A 8 20-AUG-2002;
STRYKER CORP
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Patent: JP 2002526111-A 9 20-AUG-2002;
STRYKER CORP
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JP 2002526111-A/9.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                        /organism='Artificial Sequence'.
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                                                                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Thomas Jnr.K.A. and Linemeyer, D. L.
Mutant acidic fibroblast growth factor
Patent: EP 0319052-A2 23 07-JUN-1989;
Location/Qualifiers
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Sequence 53 from Patent WO2003106681.
CQ759141
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Sequence 23 from Patent EP 0319052.
106265
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Best Local Similarity 83.33
Matches 15; Conservative
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PC CO7K14/00,CO7K14/47,CO7K19/00,C12N15/00,A61K37/02
Description of Artificial Sequence:e2c target sequence
Location/Qualifiers
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artificial sequences.

1 (Dases 1 to 18)
Barbas, C.F.
Zinc finger binding domains for GNN
Patent: JP 2002527097-A 9 27-AUG-2002;
NOVARTIS AG, THE SCRIPPS RESEARCH INSTITUTE
OS Artificial Sequence
BN JP 2002527097-A/9
PD 27-AUG-2002
PP 14-OCT-1999 UP 2000577190
PR 16-OCT-1999 US 09/173941
PI CARLOS F BARBAS
                                                                                                                                                                BD273597.1 GI:33083365
JP 2002527097-A/1.
synthetic construct
artificial sequences.

1 (bases 1 to 18)
Barbas.C.F.
Zinc finger binding domains for GNN
Patent: JP 2002557097-A 1 27-AUG-2002;
NOVARTIS AG, THE SCRIPPS RESEARCH INSTITUTE
OS Artificial Sequence
PN JP 2002527097-A/1
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Zinc finger binding domains for GNN.
BD273597
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14-OCT-1999 JP 2000577190
16-OCT-1998 US 09/17394
CARLOS F BARBAS
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   303 GGGCCCACTCAGCTCTGC 320
                 BD273605.1 GI:33083373
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/organism="unknown"
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Matches 15; Conservative
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Matches 15; Conserv
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ACCESSION
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JOURNAL
FEATURES
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TITLE
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AUTHORS
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                                                                                                                                                                                Unclassified.

1 (Dases 1 to 18)
Anderson,K., Draper,K. and Baker,B.
Oligomucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 36 15-AUG-1995;
                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Apple,R.J., Brlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 174 22-OCT-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.
1 (bases 1 to 18)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
                                                                                                                                                                                                                                                                                                                                        Length 18;
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Query Match

O.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3;
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                                                                                  I13828 18 bp Sequence 36 from patent US 5442049.
                                                                                                                                                                                                                                                                                                           /mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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1 CGGCACCAGAGATCGTTC 18
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Unclassified.
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Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 3042 12-FEB-2002; Location/Qualifiers
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1 (bases 1 to 18)
Baker,B.F. Cowsert,L.M., Monia,B.P. and Xu,X.S.
Attisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFs)
Patent: US 639297-A 109 04-UUN-2002;
Location/Qualifiers
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3; Indels
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83.3%; Pred. No. 7.5e+02;
ative 0; Mismatches 3;
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83.3%; Pred. No. 7.5e+02;
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Loeb, L.A. and Black, M.E.
Thymidine kinase mutants
Patent: US 6451571-A 30 17-SEP-2002;
Location/Qualifiers
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Sequence 109 from patent US 6399297.
AR211196
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 30 from patent US 6451571.
AR230216
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/organism="unknown"
/wol_type="unassigned DNA"
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linear PAT 12-JUN-2003
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1 (bases 1 to 18)

2 (chen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 7245 25-WAR-2003;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3;
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Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3;
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1 (bases 1 to 18)
Byrne,J.A. and Basset,P.
Members of the D52 Gene family
Patent: US 6528283-A 56 04-MAR-2003;
Location/Qualifiers
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Sequence 56 from patent US 6528283.
AR285176.1 GI:29722234
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       /organism="unknown"
/mol_type="mRNA"
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/organism="unknown"
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AR299747
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Gocke, C.D., Kopreski, M.S. and Benko, F.A.
Detection of extracellular tumor-associated nucleic acid in blood
plasma or serum using nucleic acid amplification assays
Patent: US 6521409-A 16 18-FEB-2003;
Location/Qualifiers
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Cowsert, L.M.
Antisense inhibition of cyclin D2 expression
Patent: US 6492173-A 43 10-DEC-2002;
Location/Qualifiers
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Patent: US 6458943-A 56 01-OCT-2002;
Location/Qualifiers
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AR266231
                                         AR235289 18 bp I
Sequence 56 from patent US 6458943.
AR235289
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AR281908
AR281908.1 GI:29717836
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/organism="unknown"
/mol_type="genomic DNA"
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281908/c
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266231/c
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Query Match 0.8
Best Local Similarity 83.3
Matches 15; Conservative
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AR382496/c
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AR382504/c
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1470 20-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                             Gaps
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                                                                                          1 (bases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 11482 25-MAR-2003;
Location/Qualifiers
1. .18
/organism="unknown"
/mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 18)
Barany, F., Luo, J., Khanna, M. and Bergstrom, D.E.
Thermostable DNA ligase mutants
Patent: US 6576453-A 78 10-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                 Score 13.2; DB 1;
Pred. No. 7.5e+02;
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  6537751.
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Sequence 78 from patent US 6576453.
AR342774
AR342774.1 GI:33737961
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/organism="unknown"
/mol_type="genomic DNA"
Sequence 11482 from patent US
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/organism="unknown"
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                         AR299747.1 GI:31687031
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Best Local Similarity 83.3
Matches 15; Conservative
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AR342774
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AR324068/c
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Pred. No. 7.5e+02;
0; Mismatches 3;
 Score 13.2; DB 1;
Pred. No. 7.5e+02;
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Pred. No. 7.5e+02;
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83.3%; Pred. No. '...
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Barbas, C.F.
Zinc finger binding domains for GNN
Patent: US 6610512-A 112 26-AUG-2003;
Location/Qualifiers
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Barbas,C.F.
Zinc finger binding domains for GNN
Patent: US 6610512-A 121 26-AUG-2003;
Location/Qualifiers
                                                                                                                                                    Sequence 112 from patent US 6610512.
AR382496.1 GI:40091105
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                            0; Mismatches
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Sequence 34 from patent US 6613567.
AR392119
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/organism="unknown"
/mol_type="genomic DNA"
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                                                       991 CAGAACCIGCICATCAAC 1008
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Best Local Similarity 83.00,
-hea 15; Conservative
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Best Local Similarity 83.35
Matches 15; Conservative
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PAT 22-JAN-2001
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 286 08-JUJ-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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Oppermann,H., Tai,M.-S. and McCartney,J.
Mutations of the C-terminal portion of TGF-.beta. superfamily
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Patent: US 6677432-A 78 13-JAN-2004;
                                                                                                            Sequence 78 from patent US 6677432.
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Sequence 286 from Patent WO9934016.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Sequence 37 from Patent W00078972.
AX060749
AX060749.1 GI:12406136
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/organism="unknown"
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Betection of extracellular tumor-associated nucleic acid in blood plasma or serum to serum to 70-0CT-2003;

Location/Qualifiers
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Unclassified.
Unclassified.
1 (Dases 1 to 18)
1 (Dases 2 to 18)
Oppermann, H., Tai, M.-S. and McCartney, J.
Mutations of the C-terminal portion of TGF-.beta. superfamily proteins
Patent: US 6677432-A 77 13-JAN-2004;
Location/Qualifiers
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                                         1 (bases 1 to 18)
Bennett, C.F. and Cowsert, L.M.
Antisense inhibition of Her-2 expression
Patent: US 6613567-A 34 02-SEP-2003;
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Sequence 77 from patent US 6677432.
AR452599
AR452599.1 GI:42684396
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/organism="unknown"
/mol_type="mRNA"
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452599/c
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PAT 15-MAY-2001
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and
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Ligand activated transcriptional regulator proteins
Patent: WO 0130843-A 75 03-MAY-2001;
Novartis AG (CR); The Scripps Research Institute (US)
Location/Qualifiers
                                                                                Length 18;
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/mol type="unassigned DNA"
/db xref="taxon;32650"
/note="ErbB-2 (E2C) target sequence"
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                                                                                Score 13.2; DB 1;
Pred. No. 7.5e+02;
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3;
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noFe="Primer"
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IMMUSOL, INC. (US)
Location/Qualifiers
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                                                                                                                0; Mismatches
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AX128414
XX128414 GI:14134922
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artificial sequences.
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Best Local Similarity 83.3%
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Wilkinson,M.C.
Pseudomonsa aeruginosa antigens
Patent: WO 0102577-A 25 11-JAN-2001;
Provalis UK Limited (GB)
Location/Qualifiers
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Atp binding casette transporter protein abol polypeptides
Patent: Wo 0078911. A 37 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
Location/Qualifiers
                                                          Lawn, R.M., Wade, D. and Garvin, M.
Regulation with binding cassette transporter protein abc1
Patent: WO 0078972-A 37 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
Location/Qualifiers
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
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Beerli, R., Schopfer, U. and Barbas, C.F.
Regulation of gene expression using single-chain, monomeric, ligand dependent polypeptide switches
Patent: WO 0206463-A 29 24-UAN-2002;
The Scripps Research Institute (US)
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0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Human herpesvirus 5
Human herpesvirus 5
Viruses; deDNA viruses, no RNA stage; Herpesviridae;
Betaherpesvirinae; Cytomegalovirus.
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Pred. No. 7.5e+02;
0; Mismatches 3;
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/organism="Human herpesvirus 5"
/mol type="unassigned RNA"
/db_xref="taxon:10359"
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Sequence 222 from Patent EP1288296.
AX710922
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// Organism="unidentified"
// Mol_type="unassigned DNA"
// db_xref="taxon:32644"
/noTe="Synthesized"
                              18 bp
Sequence 29 from Patent WO0206463.
AX429837
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Best Local Similarity 83.3%;
Matches 15; Conservative 0
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AX837807/c
LOCUS
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                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye Ribozyme therapy for the treatment of proliferative skin and eye Ribozyme therapy for the treatment WO 0130362-A 4284 03-MAY-2001; IMMUSOL, INC. (US)
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Nucleic acids encoding polypeptides with homology to olfactory receptors
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/organism="Homo sapiens"
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kinase"
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/organism="synthetic construct"
/moltype="unassigned DNA"
/moltype="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="type="typ
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Curagen Corporation (US)
Location/Qualifiers
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Sequence 4284 from Patent WO0130362.
AX133066
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                                  709 ATCAGACTGGAACATGAA 726
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Matches 15; Conservative
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/organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"
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11-MAY-1992 US 07/8826
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PD 12-DEC-2000
PF 01-MAY-2000
PR 11-MAY-1992 US
14-MAY-1992 US
14-MAY-1992 US
14-MAY-1992 US
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                          Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S., Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R., Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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/organism="unassigned DNA"
/dno Lype="traxon:32644"
/note="bescription of Artificial Sequence: an artificially synthesized primer se q"
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1 (bases 1 to 18)
Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3; Indels
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                                                                                    Full-length cDNA sequences
Full-length cDNA sequences
Patent: EP 1347046-A 4931 24-SEP-2003;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Pred. No. 7.5e+02;
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Full-length cDNA sequences
Patent: EP 1347046-A 5416 24-SEP-2003;
Research Association for Biotechnology
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                                                                                                                                                                       /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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07/882713,14-MAY-1992 US 07/882824 PR
07/882823,14-MAY-1992 US 07/882884 PR
07/882886,14-MAY-1992 US 07/88288 PR
07/882889,14-MAY-1992 US 07/882212 PR
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1 (bases 1 to 18)

Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
Holesek,J.J. and Mamone,A.J.

Method and reagent for inhibiting viral replication
RIBOZYEE PHARMACETITICALS INC

OS Artificial Sequence
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14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882814

14-MAY-1992 US 07/88286,14-MAY-1992 US 07/88288

14-MAY-1992 US 07/88289,14-MAY-1992 US 07/88288

14-MAY-1992 US 07/88386,14-MAY-1992 US 07/883823

14-MAY-1992 US 07/883849,14-MAY-1992 US 07/883823

14-MAY-1992 US 07/88349,14-MAY-1992 US 07/884433

14-MAY-1992 US 07/884412,14-MAY-1992 US 07/884431

14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884431

31-ULL-1992 US 07/884436,14-MAY-1992 US 07/884531

26-AUG-1992 US 07/98378,26-AUG-1992 US 07/98584

26-AUG-1992 US 07/936086,18-SEP-1992 US 07/948359

15-CCT-1992 US 07/936086,18-SEP-1992 US 07/948359

15-CCT-1992 US 07/963322,07-DEC-1992 US 07/987133

KENNETH G DRAPER, LEC W DADYKTZ, JAMES A MACSMIGEN, PI D
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                                      replication
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Holesek,J.J. and Mamone, A.J.

Method and reagent for inhibiting viral repredented and reagent for inhibiting viral repredented by 2000342285-A 223 12-DEC-2000;

RIBOZYME PHARMACEUTICALS INC

OS Artificial Sequence
PN JP 2000342285-A/223
PD 12-DEC-2000
PF 01-MAY-1992 US 07/882865, 14-MAY-1992 US
14-MAY-1992 US 07/883849, 14-MAY-1992 US
14-MAY-1992 US 07/8838436, 14-MAY-1992 US
14-MAY-1992 US 07/8838436, 14-MAY-1992 US
14-MAY-1992 US 07/88382, 14-MAY-1992 US
14-MAY-1992 US 07/88332, 07-DEC-1992 US
15-OCT-1992 US 07/88332, 07-DEC-1992 US
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83.3%; Pred. No. 7.5e+02;
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
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Patent: JP 2001321190-A 174 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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                 ce 1. .18
/organism='Unidentified'
Location/Qualifiers
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83.3%; Pred. No. 7.5e+02;
tive 0; Mismatches 3;
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83.3%; Pred. No. 7.5e+02;
trive 0; Mismatches 3;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
Location/Qualifiers
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A method of arraying genome clone.
BD087930.
BD 2001321190-A/174.
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/organism="unidentified"
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JP 2001321190-A/174
20-NOV-2001
12-MAR-2001 JP 2001068285
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JP 2001321190-A/243.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
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synthetic construct
artificial sequences.
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Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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KEYWORDS
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BD087999
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BD087930
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AUTHORS
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AUTHORS
TITLE
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VERSION
KEYWORDS
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I (bases 1 to 18)

S waldman, S.A., Pearlman, J.M., Barber, M.T., Schultz, S. and Parkinson, S.J.

Composition binding specifically to colorectal cancer and utilization thereof.

THOMAS JEFFERSON UNIVERSITY
OS Unidentified
PN JP 2001512664-A36
PD 28-AUG-1998 JP 200566228
PR 07-AUG-1999 JP 200566228
PR 07-AUG-1997 US 08/906643
PR 07-AUG-1997 US 08/906643
PR SCOTT A WALDMAN, JOSHUA M PEARLMAN, MICHAEL T BARBER, STEPHANIE PI SCOTT A WALDMAN, JOSHUA M PEARLMAN, MICHAEL T BARBER, STEPHANIE PR SCOTT A WALDMAN, JOSHUA M PEARLMAN, J
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AGIP1/16,
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                                                                                                                                                                                                                    JANES J HOLESEK, ANTHONY J MAMONE
C12N15/09, C12N5/10, C12N7/00//A61K38/43, A61K39/125, A61K39/13,
A61K39/135,
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  07/884073 PR
07/88433 PR
07/884431 PR
07/884521 PR
07/935854 PR
07/98133 PI
07/987129 PR
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14-MAY-1992 US 07/883849,14-MAY-1992 US 07/8840
14-MAY-1992 US 07/8844074,14-MAY-1992 US 07/8843
14-MAY-1992 US 07/884421,14-MAY-1992 US 07/8843
31-JUL-1992 US 07/83436,14-MAY-1992 US 07/8845
31-JUL-1992 US 07/923738,26-AUG-1992 US 07/9358
56-AUG-1992 US 07/923738,126-AUG-1992 US 07/9358
07-956086,18-SEP-1992 US 07/9358
07-956086,1992 US 07/9332,07-DEC-1992 US 07/9871
NEWINETH G DRAPER,LEC W DADYKTZ,JAMES A MACSWIGEN, PI

    18
    /organism='Artificial Sequence'

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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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C12N15/00,C12N5/00
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JP 2001512666-A/36.
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JRGANISM
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Query Match
Best Local Similarity 83.3
Matches 15; Conservative
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LOCUS
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Plant photoperiod sensitivity genes 'Hd1' and their use
Patent: WO 0132881-A 3 10-MAY-2001,
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF MINISTRY OF AGRICULTURE
FORESTRY AND FISHERIES NATIONAL INSTITUTE OF AGROBIOLOGICAL
RESOURCES, RYO FUJII BLO ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT
INSTITUTION, SOCIETY FOR TECHNO INNOVATION OF AGRICULTURE FORESTRY
AND FISHERIES, MASAHIRO YANO, YUICHI KATANOSE, TAKUJI SASAKI, RISA
OS ALTÍFICIAI SEQUENCE
NO 0132881-A/3
PD 10-MAY-2001
PR 01-NOV-2009 WO 2000JP007693
PR 01-NOV-2009 JP 99P 313846
                                                                    Artificial Sequence
JP 2001321190-A/243
20-NOV-2001
12-MAN-2001
BIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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C12N15/29,C12N5/10,A01H5/00,C07K14/415,C07K16/16,C12P21/02,
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MASAHIRO YANO, YUICHI KATAYOSE, TAKUJI SASAKI, RISA ISHIMARU,
                                                                                                                                                                                                                Key
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A method of arraying genome clone
Patent: JP 2001321190-A 243 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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synthetic construct
artificial sequences.
I (bases 1 to 18)
Yano, M., Katayose, Y., Sasaki, T., Ishimaru, R., Fuse, T. and Ashikari, M.
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                                                                                                                                                                                                                Description of Artificial Sequence:Synthetic DNA
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organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                    1. .18
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/mol type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0132881-A/3.
                                                                                                                                                                                                                                                                                                                                                                                                                              15; Conservative
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OS Artif.
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PI BIICH
PC C12N1
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Best Local 9
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ORGANISM
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Synthetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 18)

SS Byrne, J.A. and Basset, P.

Member of D52 gene family

NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, CENTRE

NATIONAL DE LA RECHERCHE SCIENTIFIQUE, UNIVERSITE LOUIS PASTEUR,

BRISTOL MYERS SQUIBE CO

OS Artificial Sequence

PF 17-FEB-1999 JP 2000531559

PF 17-FEB-1999 US 60/074961

PI JENNIFER A BYRNE, PAUL BASSET

C CL2N15/09, CO7K14/82, C12N1/15, C12N1/12, C12N1/21, C12N5/10, C12P21/ PC
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Patent: JP 2002503469-A 38 05-FEB-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, UNIVERSITE LOUIS PASTEUR, BRISTOL MYERS SQUIBB CO, JENNIFER A BYRNE
OS Artificial Sequence
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Description of Artificial Sequence: PCR Primer FH
Location/Qualifiers
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Score 13.2; DB 1;
Pred. No. 7.5e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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BD130276
BD130276.1 GI:23225221
JP 2002503468-A/38.
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                                                                               126 GGATCGGATGAAGAT 143
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0.8%;
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1 (bases 1 to 18)
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PAT 24-JUL-1996
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                                                                                                                                                                                                                                                                           NUCLEOTIDIC SEQUENCES OF ACTINOMYCETALES, APPLICATIONS TO THE SYNTHESIS OR DETECTION OF NUCLEIC ACIDS, PRODUCTS OF EXPRESSION OF SUCH SEQUENCES AND APPLICATION AS IMMUNOGENIC COMPOSITIONS PATENT: WO 9012875-A 24 01-NOV-1990; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 19)

Evans,G.A. and Smith,M.W.

Evans,G.A. and Smith,M.W.

Method for generation of sequence sampled maps of complex genomes

Patent: US 5851760-A 64 22-DEC-1998;

Location/Qualifiers
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Parker,W.Davis., Herrnstadt,C., Ghosh,S. and Fahy,E.D.
Methods for detecting mitochondrial mutations diagnostic for Alzheimer's disease and methods for determining heteroplasmy of mitochondrial nucleic acid
Patent: US 5976798-A 53 02-NOV-1999;
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  A30770 19 bp DNA Artificial DNA for oligonucleotide (TB-9).
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Pred. No. 8.1e+02;
0; Mismatches 3;
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Pred. No. 8.1e+02;
0; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AR083027
AR083027.1 GI:10009817
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Sequence 64 from patent US 5851760.
AR066716 AR066716.1 GI:5997938
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1 (bases 1 to 19)
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Best Local Similarity 83.3%;
Matches 15; Conservative
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A30770.1 GI:1567070
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Unclassified.
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Matches 15; Conserv
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PN JP 2002.
PD 05-FEB-2002
PF 17-FEB-1999 JP 2000531560
PR 17-FEB-1999 US 60/074961
PI JENNIFER A BYRNE
PC C12M15/09.C07K14/82,C12M1/15,C12M1/19,C12M1/21,C12M5/10 PC
,C12P21/02_C12Q1/68,
PC C12M15/00,C12M5/00
PC C12M15/00,C12M5/00
PC C12M15/00,C12M5/00
PC T12M15/00,C12M5/00
PC T12M5/00,C12M5/00
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Roberts, R.G., Bobrow, M. and Bentley, D.R.
Point mutations in the dystrophin gene
Proc. Natl. Acad. Sci. U.S.A. 89 (6), 2331-2335 (1992)
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dystrophin [human, Genomic Mutant, 18 nt].
S88367
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33.3%; Pred. No. 7.5e+02;
ve 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/codon_start=1
/product="dystrophin"
/protein_id="AAB21810.1"
/db_xref="Gi.247275"
/translation="KIK"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /gene="dystrophin"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

B. (bases 1 to 19)

Treco, D.A., Heartlein, M.W. and Selden, R.F.
Upstream genome sequence of IFN-alpha2 gene code domain for producing and transporting protein

I. Patent: JP 2002513180-A 3 14-MAY-2002;
TRANSKARYOTIC THERAPIES INC
OS Homo sapiens (human)
PN UP 2002513180-A/3
PD 14-MAY-2002
PF 05-MAY-1999 JP 2000547246
PR 07-MAY-1999 UP 2000547245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Upstrain genome sequence of IFN-alpha2 gene code domain for BD221612
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                                   PAT 18-MAR-2003
                                                                                                                                                                                                            Method for examining flat epithelial cell
Patent: JP 2002274474-A 3 24-SEP-2002;
SERIA PHARMACBUTICALS CO LTD
SATISTICIAL Sequence
PN JP 2002272474-A/3
PD 24-SEP-2002
PF 22-MAR-2001 JP 2001083352
PF 12F3UJI OKAMOTO
PC C12N15/09,A61K45/00,A61P35/00,C12Q1/68,G01N33/15, PC
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                          Method for examining flat epithelial cell. BD174952
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Key

    .19
/organism="synthetic construct"

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/db_xref="taxon:32630"
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                                                                                   BD174952.1 GI:29120646
JP 2002272474-A/3.
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JP 2002513580-A/3.
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synthetic construct
artificial sequences.
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Homo sapiens
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Blinkovsky,A., Byun,T.S., Klotz,A.V., Sloma,A., Brown,K., Tang,M., Fujii,M., Marumoto,C. and Kofod,L.Venke.
Polypeptides having aminopeptidase activity and nucleic acids encoding same
Patent: US 6303360-A 6 16-OCT-2001;
                                                                                                                          Gaps
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Unclassillor.
Hansen, S.J., Aebi,C., Cope,L.D., Maciver,I., Fiske,M.J. and Fredenburg,R.A.
USPAl and USPA2 antigens of Moraxella catarrhalis
Patent: US 6310190-A 21 30-OCT-2001;
Location/Qualifiers
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Pred. No. 8.1e+02;
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Pred. No. 8.1e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 21 from patent US 6310190.
AR176100
                                                    /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                 Sequence 6 from patent US 6303360.
AR172813
AR172813.1 GI:17912304
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Location/Qualifiers
                                   /organism="unknown"
                                                                                                                                                          1151 TIGACATGTGGGGTGTGG 1168
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Best Local Similarity 83.3°
Matches 15; Conservative
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AR172813/c
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Location/Qualifiers

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artificial sequences.

1 (bases 1 to 19)

Herrmstadt,C., Ghosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E.
Diagnostic method based on the quantification of extramitochondrial
Patent: JP 2002518023-A 50 25-JUN-2002;
                                                                                                                                                                                                                                                                                                                    ROBEŘT E DAVIS
C12Q1/68, A61K45/00, A61P25/28, A61P43/00, C12N15/09//A61P3/00, PC
                                                                                                                                                                                                                                                                         CORINNA HERRNSTADT, SOUMITRA S GHOSH, WILLIAM CLEVENGER, EOIN D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and Reichwald,K.
                                                                                                                                                                                                                                                                                                                                                     A61P3/10,
PC A61P25/00,A61P25/14,A61P25/16,A61P25/18,C12N15/00 CC
Oligonucleotide primer corresponding to cytochrome c oxidase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ce 1. .19 /organism='Artificial Sequence'
Location/Qualifiers
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                                                                                                                                                       Artificial Sequence
N Artificial Sequence
N D 2002518023-A/50
PD 25-JUN-1999 US 09/098079,15-JUN-1998 US
30-APR-1999 US 09/302681
PI CORINNA HERRNSTADT, SOUMITRA S GHOSH, WILLIAM CLP
PI RAHY,
PI ROBERT E DAVIS
PC C12Q1/68, A61K45/00, A61P25/28, A61P43/00, C12N15/
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Patent: WO 2003104489-A 163 18-DEC-2003;
Philipps-Universitaet Marburg (DE)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer rtlr"
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    19
        forganism="synthetic construct"
/mol_type="genomic DNA"
        /db_xref="taxon:32630"

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Sequence 163 from Patent WO2003104489.
CQ759039 GI:44849043
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1 (bases 1 to 19)
Herrnstadt,C., Ghosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E.
Diagnostic method based on the quantification of extramitochondrial
Patent: JP 2002518023-A 49 25-JUN-2002;
MITOKOR Artificial Sequence
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C12Q1/68,A61K45/30,A61P25/28,A61P43/00,C12N15/09//A61P3/00, PC
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Diagnostic method based on the quantification of extramitochondrial
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               /organism='Homo sapiens (human)'. Location/Qualifiers
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                                                                                                                                               0.8%; Score 13.2; DB 1; Length 19; 83.3%; Pred. No. 8.1e+02; tive 0; Mismatches 3; Indels
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/organism='Artificial Sequence'
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PN JP 2002518023-A/49
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PF 14-JUN-1999 JP 2000554883
PR 15-JUN-1999 US 09/098079,15-JUN-1998 US
30-APR-1999 US 09/302681

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/db_xref="taxon:32630"

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/db_xref="taxon:9606"
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JP 2002518023-A/49.
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REFERENCE AUTHORS

TITLE

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FEATURES

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CQ788458 LCCUS

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1 (bases 1 to 19)
Herrnstadt,C., Ghosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E.
Diagnostic method based on quantification of extramitochondrial DNA
Patent: US 6441149-A 49 27-AUG-2002;
 Unclassified.

1 (bases 1 to 19)
Kandimalla, B. and Agrawal, S.
Triplex-forming antisense oligonucleotides having abasic linkers targeting nucleic acids comprising mixed sequences of purines and pyrimidines.
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AR224942
AR224942.1 GI:23334059
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/mol_type="unassigned DNA"
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Patent: US 5702890-A 7 30-DEC-1997;
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Sequence 7 from patent US 5702890.
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Housman, D.E.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artifitially synthesized target sequence for SiRNA"
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Oncotherapy Science, Inc. (JP); Japan as represented by the president of the university of Tokyo (JP)
Location/Qualifiers
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/organism="synthetic construct"
                                               CQ788458 19 bp DNA Sequence 35 from Patent WO2004020619.
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                                                                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
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Blinkovsky, A., Byun, T.S., Klotz, A.V., Sloma, A., Brown, K., Tang, M.,
Fujii, M., Marumcto, C. and Kofod, L.V.
Polypeptides having aminopeptidase activity and nucleic acids encoding same
Patent: US 6673571-A 6 06-JAN-2004;
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallellic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 11495 25-MAR-2003;
1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallellic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 11036 25-MAR-2003;
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Sequence 11495 from patent US 6537751.
AR299760
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Sequence 6 from patent US 6673571.
AR448551 GI:42677054
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/organism="unknown"
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Herrnstadt, C., Ghosh, S.S., Clevenger, W., Fahy, B.D. and Davis, R.E.
Diagnostic method based on quantification of extramitochondrial DNA
Patent: US 6441149-A 50 277-AUG-2002;
Location/Qualifiers
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Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 9032 25-MAR-2003;
Location/Qualifiers
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Sequence 11036 from patent US 6537751.
AR299301
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Sequence 50 from patent US 6441149.
AR224943.1 GI:23334060
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
                                                                                                                   Picoult-Newburg, L. and Pohl, M. Genctyping reagents, Kits and methods of use thereof Patent: WO 0129262-A 2013 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                Length 19;
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/mol_type="unassigned DNA"
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/nore="cdk2 ribozyme binding site"
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/note="primer"
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Sequence 227 from Patent WO0130362.
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AX116890.1 GI:14033832
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Single nuclectide polymorphisms in mitochondrial genes that segreg
ate with alzheimer's disease
Patent: WO 0063441-A 121 26-0CT-2000;
MITOKOR (US)
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Single nucleotide polymorphisms in mitochondrial genes that segreg
ate with alzheimer's disease
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Best Local Similarity 83.3%; Pred. No. 8.1e+02;
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MITOKOR (US)
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AX039732
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850 CTGGACAAGGACCTGAAG 867
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                     CTGGACAAGGACGAAAAG 1
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artificial sequences.
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AX039732/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
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0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
                                                                       Query Match 0.8%; Score 13.2; DB 1; Length 19; Best Local Similarity 83.3%; Pred. No. 8.1e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 784 from Patent WO0130362.
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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IMMUSOL, INC. (US)
Location/Qualifiers
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                                      Patent: WO 0130362-A 228 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 568 from Patent W00130362.
AX129350. GI:14135655
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Sequence 566 from Patent WO0130362.
AX129348
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Location/Qualifiers
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Sequence 2050 from Patent WO0130362.
AX130832.1 GI:14137137
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Seguence 3890 from Patent WO0130362.
AX132672
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 1219 03-MAY-2001;
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/db_xref="taxon:9606"
/note="Cdk-we-hu ribozyme binding site"
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                                                                                                                   Sequence 1219 from Patent W00130362. AX130001
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/organism="Homo sapiens"
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    Location/Qualifiers
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Location/Qualifiers
             1158 GIGGGGTGTGGCCTGCAT 1175
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AX130128.1 GI:14136433
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 8.1e+02;
0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
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/note="Cyclin D2 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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Score 13.2; DB 1; Length 19;
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Patent: BP 114518-A 408 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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83.3%; Pred, No. 8.1e+02;
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Sequence 411 from Patent EP1174518.
AX353205
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Seguence 408 from Patent EP1174518.
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artificial sequences.
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                    Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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Pred. No. 8.1e+02;
0; Mismatches 3; Indels
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Collection of binding molecules
Patent: BP 1174518-A 404 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (ML)
Location/Qualifiers
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/mol_type="unassigned DNA"
/mol_taxon:32630"
/note="primer"
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IMMUSOL, INC. (US)
Location/Qualifiers
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AX353198
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Sequence 24 from Patent W00149831.
AX191466
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Patent: WO 0208463-A 408 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Loukachov, V.V., Goudsmit, J. and van Gemen, B. Collection of binding molecules
Patent: WO 0208463-A 411 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                   Goudsmit, J. and van Gemen, B.
                                                                                                                                                                                                                                           Score 13.2; DB 1;
Pred. No. 8.1e+02;
0; Mismatches 3;
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83.3%; Pred. No. 8.1e+02;
cive 0; Mismatches 3;
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                                             Loukachov,V.V., Goudsmit,J. and van Geme
Collection of binding molecules
Patent: WO 0208463-A 404 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: EP 1174518-A 415 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
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AX363043
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Sequence 415 from Patent BP1174518.
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                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 83.3%; Pred. No. 8.1e+02;
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ilarity 83.3%; Pred. No. 8.1e+02;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/nol_e="Pximer"
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ISIS INNOVATION LIMITED (GB)
Location/Qualifiers
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Sequence 119 from Patent WO03000727.
AX699178
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AX816725
AX816725.1 GI:39647054
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                                                         Sequence 162 from Patent W00246458. AX474008
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Pred. No. 8.1e+02;
0; Mismatches 3; Indels
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Collection of binding molecules
Patent: WO 0208463-A 412 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 415 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/note="position 184"
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Sequence 415 from Patent W00208463.
AX363054.1 GI:18695194
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BD070496/c
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                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                      Gaps
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synthetic construct
artificial sequences.
1 (bases 1 to 19)
Hansen, E.J., Aebi, C., Cope, L.D., Maciver, I., Fisk, M.J. and
Fredenburg, R.
USPAl and USPA. antigens of moraxella catarrhalis
Patent: JP 2001515467-A 10 18-SEP-2001;
THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM
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Location/Qualifiers
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                                                                        Sampson, J.R. and Cheadle, J.P.
Screening methods and sequences relating thereto
Patent: WO 03014390-A 16 20-FEB-2003;
University of Wales College of Medicine (GB)
Location/Qualifiers
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/db_xref="taxon:9606"
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/db_xref="taxon:32630"
/note="Primer"
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Sequence 16 from Patent WO03089649.
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JP 2001515467-A/10.
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Homo sapiens (human)
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Best Local Similarity 83.3
Matches 15; Conservative
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  N JESEP-2001
D 18-SEP-2001
PF 19-DEC-1997 JP 1998529075
RR 20-DEC-1996 US 60/033598
PI EMIC J HANNEN, CHRISTOPH AEBI, LESLIE D COPE, ISOBEL MACIVER, P. MICHEL J FISKE,
PI ROSS FREDENBURG
PC C12N15/31, COYKT/04, CO7K14/22, A61K38/03, A61K38/16, A61K39/02 (
Description of Artificial Sequence.oligonucleotide primer FH ...
Location/Qualifiers

Location/Qualifiers

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JP 2001514500-A/53
11-SEP-2001
27-FEB-1998 JP 1998537738
28-FEB-1997 US 08/810599
WILLIAM DAVIS PARKER, CORINNA HERRNSTADT, SOUMITRA GHOSH, EOIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BD070496 Innear PAT 27-AUG-1
Methods for detecting mitochondrial mutations diagnostic for
Alzheimer's disease and methods for determining heteroplasmy of
mitochondrial nucleic acid.
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Parker, W.D., Hernstadt, C., Ghosh, S. and Fahy, E.D.
Methods for detecting mitochondrial mutations diagnostic for
Alzheimer's disease and methods for determining heteroplasmy of
mitochondrial nucleic acid
Patent: JP 2001514500-A 53 11-SEP-2001;
MITOKOR.
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Methods for detecting mitochondrial mutations diagnostic
Alzheimer's
disease and methods for determining heteroplasmy of CC
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0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 8.1e+02;
ative 0; Mismatches 3;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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    /organism="unidentified"

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BD070496.1 GI:22616099
JP 2001514500-A/53.
JP 2001515467-A/10
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/note="forward primer for human STS sts-T49963 at 1p36 sts-T49963 obtained from clones B328M11, B360L15 Human BAC library RPCI-11"
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Synthetic construct DNA, forward primer for human STS sts-T49963 at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Loril, A.

Direct Submission

Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042)

Tel:81-22-717-8042, Fax:81-22-717-8047)
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/organism="synthetic construct"
/mol_type="genomic DNA"
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                                  construct"
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    .19
    /organism="synthetic cor/mol_type="genomic DNA" /db_xref="taxon:32630"

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Location/Qualifiers
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Synthetic C-gamma 1 primer.
A27562
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AB067928.1 GI:15128732
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Matches 15; Conservative
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BIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,PC
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Human 1p36 homozygous deletion region
Patent: WO 0116111-A 4 08-MAR-2001;
HISAMITSU PHARMACEUTICAL CO INC, CHIBA PREFECTURE, AKIRA NAKAGAWARA
OS Artificial Sequence
PN WO 0116311-A/4
PD 08-MAR-2001
PD 08-MAR-2001
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                                                                                                                                                                                                                                                                                                                A method of arraying genome clone
Patent: UP 2001321190-A 1709 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0
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PR 31-AUG-2000 JP 99P 245962,09-MAY-2000 JP 00P
AKIRA NAKAGAWARA
PC CIZNI5/09
CC PCR primer Location/C--1/6
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Human 1p36 homozygous deletion region.
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N A method of arraying genome clone.
BD089465
BD089465.1 G1:22635075
JP 2001321190-A/1709.
Synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 19)
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JP 2001321190-A/1709
20-NOV-2001
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                       1151 TTGACATGTGGGGTGTGG 1168
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synthetic construct
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artificial sequences.
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0.8%; Score 13.2; DB 1; Length 20;
Other publication NZ 264839 960326
Other publication HV 69954 955028
Other publication P 7213286 950815
Other publication RI 945163 950504
Other publication NO 944181 950504
Other publication CA 2134863 950504
Other publication AV 7751494 950518.
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/db xref="taxon:32644"
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AR009695
AR009695.1 GI:3368500
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/mol_type="unassigned DNA"
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Sequence 4 from Patent EP0823485.
A92983
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Lichtinghagen, R.D. and Wyrich, R.D.
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A92983/c
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AR009695/c
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Human herpesvirus 1

Viruses; dsDNA viruses, no RNA stage; Herpesviridae;

Viruses; dsDNA viruses; Simplexvirus.
1 (bases 1 to 20)

Peyman, A.D., Uhlmann, E.D., Mag, M., Kretzschmar, G.D., Helsberg, M.D., Winkler, I. and Dr.

Antisense oligonucleotides against HSV-1 and their preparation

Patent: EP 0666317-A 15 09-AUG-1995;

HOBCHST AG (DE)
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               METHOD OF DESCRIBING REPERTOIRES OF ANTIBODIES (Ab) AND T CELL RECEPTORS (TEX) OF THE IMMUNE SYSTEM OF AN INDIVIDUAL PACENT: WO 9212286-A 12 23-JUL-1992; Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3;
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/db xref="taxon:10298"
1...20
/note="UL30, DNA-POL,, MITTE"
                                                                                               /organism="synthetic construct"
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/db_xref="taxon:32630"
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Buxcon,F.D., Jarai,G.D. and Visser,J.P.
Fungal protease
Patent: EP 0655497-A 13 31-MAY-1995;
CIBA GEIGY AG (CH)
Other publication ZA 9408619 950627
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Other publication UP 7303487 951121
Other publication CA 2132265 950318
Other publication DE 4331670 950323.
Location/Qualifiers
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Sequence 13 from Patent EP0655497.
A44450
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Sequence 15 from Patent EP0666317.
A43469
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PAT 22-JAN-2000
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Patent: EP 0823485-A 4 11-FEB-1998;
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Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 8.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 8.7e+02;
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Buxton,F., Jarai,G. and Visser,J.
Aspergillus niger vacuolar aspartyl protease
Patent: US 5756338-A 13 26-MAY-1998,
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1 (bases 1 to 20)
1 (bases 1 to 20)
Evans,G.A. and Smith,M.W.
Method for generation of sequence sampled maps of complex genomes
Patent: US 5851760-A 120 22-DEC-1998;
Location/Qualifiers
                                                                        Unclassified.
1 (bases 1 to 20)
Tapscott, S.J. and Olson, J.M.
Expression of neurogenic bHLH genes in primitive neuroectodermal
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Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 8.7e+02;
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Sequence 120 from patent US 5851760.
AR066772.1 GI:5997994
                                                                                                                                              Patent: US 5795723-A 23 18-AUG-1998;
Location/Qualifiers
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Sarfarazi, M.
Diagnosis and treatment of glaucoma Patent: US 5830661-A 7 03-NOV-1998;
Location/Qualifiers
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/organism="unknown"
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Sequence 7 from patent US 5830661.
AR051270 AR051270.1 GI:5974634
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               AR023716.1 GI:3977010
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Tsui,L.-C., Riordan,J.R., Collins,F.S., Rommens,J.M.,
Tsui,L.-C., Rerem,B.-S., Drumm,M.L. and Buchwald,M.
Methods of detecting cystic fibrosis gene by nucleic acid
hybridization
Patent: US 5776677-A 10 07-JUL-1998;
Location/Qualifiers
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Tsui,L.-C., Riordan,J.R., Collins,F.S., Rommens,J.M.,
Tannuzzi,M.C., Kerem,B.-S., Drumm,M.L. and Buchwald,M.
Methods of detecting cystic fibrosis gene by nucleic acid
hybridization
Patent: US 5776677-A 12 07-JUL-1998;
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Pred. No. 8.76+02;
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Pred. No. 8.7e+02;
0; Mismatches 3;
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Sequence 10 from patent US 5776677.
AR016026.1 GI:3972303
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Sequence 12 from patent US 5776677.
AR016028.1 GI:3972305
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 23 from patent US 5795723.
AR023716
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/wol_type="unassigned DNA"
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PAT 31-AUG-2000

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REFERENCE AUTHORS

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1 (bases 1 to 20)
Bennett, C. Frank. and Dean, N.
Antisense oligonucleotides against human protein kinase
Patent: US 5959096-A 44 28-SEP-1999,
Location/Qualifiers
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Mattes,R., Klein,K., Schiweck,H., Kunz,M. and Munir,M.
Preparation of acariogenic sugar substitutes
Patent: US 5985622-A 18 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 0.8%; Score 13.2; DB 1; Length 20; l Similarity 75.0%; Pred. No. 8.7e+02; l5; Conservative 1; Mismatches 4; Indels
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13.3%; Pred. No. 8.7e+02;
ve 0; Mismatches 3; Indels
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llarity 83.3%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 3;
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Sarfarazi,M.
Diagnosis and treatment of glaucoma
Patent: US 5962230-A 7 05-0CT-1999;
Location/Qualifiers
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/wol_type="unassigned DNA"
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Sequence 7 from patent US 5962230.
AR077222
                                                                                           /organism="unknown"
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E 1 (bases 1 to 20)
(S Mak,T.W. and Reltmair,A.
MSH2 disrupted mice develop lymphomas
MSH2 disrupted mice develop lymphomas
Location/Qualifiers
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Stroun,M., Anker,P. and Vasioukhin,V.
Method for diagnosing cancers
Patent: US 5952170-A 11 14-SEP-1999;
Location/Qualifiers
1. 20
/organism="unknown"
 0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 11 from patent US 5952170.
AR073568.1 GI:10000332
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AR076679
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                                                                                                                            Sequence 6 from patent US 5907079.
                             1135 GACTACTCCACTCAGATT 1152
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 15; Conservative
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PAT 16-MAY-2001
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Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
Brooks-Wilser,A. and North,M.
Miller,A. and North,M.
Asthma related genes
Patent: US 6087485-A 259 11-JUL-2000;
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3; Indels
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Pred. No. 8.7e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                              AR103735 20 bp DN
Sequence 259 from patent US 6087485.
AR103735 GI:12815323
Patent: US 6080577-A 56 27-JUN-2000;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 51 from patent US 6150092.
AR118925
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/organism="unknown"
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                                                                                                                                             447 GATCTCCACTGAGGACAT 464
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Bennett, C.Frank. and Vickers, T.A.
Oligonuclectide compositions and methods for the modulation of the expression of B7 protein
Patent: US 6077833-A 26 20-JUN-2000;
Location/Qualifiers
                                                                                                                                                            1 (bases 1 to 20)
Dean, N.M. and Mancharan, M.
Antisense oligonucleotide modulation of MDR P-glycoprotein gene
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Melki,J. and Munnich,A.
Survival motor neuron (SMN) gene: a gene for spinal muscular atrophy
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Patent: US 6001991-A 26 14-DEC-1999;
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Sequence 56 from patent US 6080577.
AR100262.1 GI:12810710
                                             AR095032 20 bp I
Sequence 26 from patent US 6001991.
AR095032.
AR095032.1 GI:10022515
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Sequence 26 from patent US 6077833.
AR099499.1 GI:12809265
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/organism="unknown"
/mol_type="unassigned DNA"
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              PAT 16-MAY-2001
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Popoff,I., Brown-Driver,V.L. and Cowsert,L.M.
Antisense inhibition of e2f transcription factor 1 expression
Patent: US 6187587-A 13 13-FBB-2001;
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Dean,N.M., Karras,J.G. and McKay,R.
Antisense modulation of interleukin-5 signal transduction
Patent: US 6136603-A 7 24-OCT-2000;
Location/Qualifiers
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Dean, M. and Cowsert, L.M.
Antisense modulation of daxx expression
Patent: US 6180353-A 74 30-JAN-2001,
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        Sequence 74 from patent US 6180353.
AR126645
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Sequence 7 from patent US 6136603.
AR136204
AR136204.1 GI:14476876
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/organism="unknown"
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1 (bases 1 to 20)
Feitelson, J.S., Schnepf, H. Ernest., Narva, K.E., Stockhoff, B.A. Schmeits, J., Loewer, D., Dullum, C. Joseph., Muller-Cohn, J. and
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Feitelson, J.S., Schnepf, H. Ernest., Narva, K.E., Stockhoff, B.A. Schmeits, J., Loewer, D., Dullum, C. Joseph., Muller-Cohn, J. and
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0.8%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 8.7e+02;
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Location/Qualifiers
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                                         0; Mismatches
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Sequence 70 from patent US 6204435.
ARI43662
ARI43662.1 GI:15104948
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[bases 1 to 20]
Reitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnedis, J., Loewer, D., Dullum, C.Joseph., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Tee, S.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                                 PAT 08-AUG-2001
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                                                                 Score 13.2; DB 1; Length 20;
Pred. No. 8.7e+02;
0; Mismatches 3; Indels
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Sidransky, D.
Detection of neoplasia by analysis of saliva
Patent: US 6235470-A 46 22-MAY-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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Location/Qualifiers
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Sequence 46 from patent US 6235470.
AR152766.
AR152766.1 GI:15120298
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/organism="unknown"
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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ARIS7236
ARIS7236.1 GI:15125940
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Best Local Similarity 83.33
Matches 15; Conservative
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Best Local Similarity 83.3
Matches 15; Conservative
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Unclassified.
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Unclassified.
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                               PAT 08-AUG-2001
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| Baker, B.F. Bennett, C. Frank., Butler, M.M. and Shanahan, W.R. Jr. Baker, B.F. Bennett, C. Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (TMF-, alpha.) expression
| Factor-(.alpha.) (TMF-, alpha.) expression |
| Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Location/Qualifiers | Locati
                                                                                                                                                                                Unknow...
Unclassified.
1 (bases 1 to 20)
1 bases 1 to 20)
Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor (.alpha.) (TNF. alpha.) expression
Patent: US 6228649-A 260 08-WAY-2001;
Location/Qualifiers
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1 (bases 1 to 20)
Sidransky,D.
Patent: US 6235470-A 14 22-MAY-2001;
Location/Qualifiers
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                                 DNA
                             AR150184 260 from patent US 6228642.
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Sequence 304 from patent US 6228642.
ARISO228.1 GI:15114819
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Seguence 14 from patent US 6235470.
ARI52734
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AR150184.1 GI:15114775
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 20)
Zhang, H. and Cowsert, L.M.
and tisense modulation of caspase 3 expression
Patent: US 6303374-A 121 16-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Antisense modulation of caspase 3 expression
Patent: US 6303374-A 165 16-OCT-2001;
Location/Qualifiers
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3;
                                             1) Score 13.2; DB 1; ilarity 83.3%; Pred. No. 8.70+02; Conservative 0; Mismatches 3;
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Sequence 174 from patent US 6303374.
ARI73049
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/wol_type="unassigned DNA"
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1 (bases 1 to 20)
Zhang, H. and Cowsert, L.M.
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KEYWORDS
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AUTHORS
TITLE
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                                                                                                                          1 (bases 1 to 20)
Feitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnepf, J. Dowerts, J., Lowert, D., Dullum, C.Joseph., Muller-Cohn, J., Stamp, L., Morxill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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      PAT 08-AUG-2001
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Ous%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.7e+02;

Matches 15; Conservative 0; Mismatches 3; Indels
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Patent: US 6291163-A 46 18-SEP-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 20)
Sidransky, D.
Method for detecting cell proliferative disorders
Patent: US 6291163-A 14 18-SEP-2001;
Location/Qualifiers
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Patent: US 6242669-A 116 05-JUN-2001;
Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"
20 bp Dr
Sequence 116 from patent US 6242669.
AR157264
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Sequence 14 from patent US 6291163.
AR169285
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Sequence 46 from patent US 6291163.
AR169317
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/organism="unknown"
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                                                AR157264.1 GI:15125968
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1 (bases 1 to 20)
Sidransky, D.
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JP 2002300894-A/19
15-OCT-2002
29-JAN-2002 JP 2002019752
YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANDRZEJ KILIAN, DAVID BOWTELL
C12N15/54,C12N9/12,A61K38/45,C07K16/40,C12Q1/68,C12Q1/48, PC
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Synthetic construct
artificial sequences.
a l (bases 1 to 20)
S Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.
A method for snp typing
L PATENTIUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
PN JP 2002300894-A/19
PD 15-OCT-2002
PF 29-JAN-2002 JP 2002019752
PF 29-JAN-2002 JP 2002019752
PI YUSUKE NAKAMURA,TOSHIHIRO TANAKA,YOZO ONISHI,KOICHI OZAK
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Pred. No. 8.7e+02;
0; Mismatches 3;
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Description of Artificial Sequence:1
Key
Pred. No. 8.7e+02;
0; Mismatches 3
                                                                                                                                                 DNA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                20 bp
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1 (bases 1 to 20)
Kilian, A. and Bowtell, D.
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BD177729
BD177729.1 GI:30014991
JP 2002300894-A/19.
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BD196324.1 GI:33006094
JP 2002514928-A/58.
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Best Local Similarity 83.3%;
Matches 15; Conservative
   83.3%;
                                            814 CACACGGAGAAGTCCCTC
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synthetic construct
 Best Local Similarity 83.3
Matches 15; Conservative
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PC C12N15/09,
CC Description
FH Key
FT source
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BD177729/c
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Pauli, B.U., Elble, R.C. and Gruber, A.D.
Pauli, B.U., Elble, R.C. and Gruber, A.D.
Nucleotide Sequences encoding mammalian calcium activated chloride channel-adhesion molecules
Patent: US 6309857-A 23 30-OCT-2001;
Location/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 (c) Frank. and Vickers, T.A.

Oligomuclectide compositions and methods for the modulation of the expression of B7 protein

Patent: US 6319906-A 26 20-NOV-2001;
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                                                                                       Zhang, H. and Cowsert, L.M.
Antisense modulation of caspase 3 expression
Patent: 186 6303374-A 174 16-0CT-2001;
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
ive 0; Mismatches 3;
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/organism="unknown"
/mol_type="unassigned DNA"
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AR175728
AR175728.1 GI:17917027
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Sequence 26 from patent US 6319906.
AR178780
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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    GI:17912540
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Strandedness: Single;
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JP 2002513574-A/22
14-MAY-2002
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JAMES SCHMEITS, DAVID LOEWER, CHARLES JOSEPH DULLUM, JUDY MULLER
                                        Description of Artificial Sequence: Synthesized Amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
JP 2002513574-A/15
14-MAY-2005
06-MAY-1999 JP 2000547237
06-MAY-1998 US 09/073898
JERALD S FEITELSON, ERNEST H SCHNEPF, KENNETH E NARVA, BRIAN A
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Insecticidal toxins and nucleotide sequences encoding these
toxins.
                                                                Primer Design
based on EST Sequence GenBank Accession Number AA281296 FH
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C12N15/09, A01H5/00, A01N63/00, C07K14/325, C12N5/10, C12Q1/69,
                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Scheptelson, J.S., Schnepf, E.H., Narva, K.E., Stockhoff, B.A.,
Schneits, J., Loewer, D., Dullum, C.J., Cohn, J.M., Stamp, L.,
Morrill, G. and Lee, S.F.
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                                                                                                                                                                                                                                                                                                                   0.8%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 8.7e+02; ive 0; Mismatches 3; Indels
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Location/Qualifiers
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/organism="synthetic construct"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002513574-A/15.
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C12N15/11,
PC A61K31/70
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PN JP 2000
PD 14-MAX
PP 06-MAX
PR 06-MAX
PR 06-MAX
PI STOCKH
PI JAMES
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PI CAIN
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THORS (Collett, M.S. Hepatitis C virus NS5B composition and method of using the same NRA HORS (Virus NS5B composition and method of using the same NRA HORS (NPOPHARMA INC NEOPHARMA INC NATURA NATURE (hepatitis virus (hepatitis C virus) Ph 09-APR-2007 Ph 09-APR-2007 Ph 09-APR-2007
                        PAT 17-JUL-2003
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Hepatitis C virus NS5B composition and method of using the same.
BD226933
bD205282 20 bp DNA linear PAT 17-JUL-2003
Insecticidal toxins and nucleotide sequences encoding these toxins.
BD205282
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Schnepf,E.H., Narva,K.E., Stockhoff,B.A.,
Schnept,S.H., Narva,K.E., Stockhoff,B.A.,
Schneits,J., Lowerr,D., Dullum,C.J., Cohn,J.M., Stamp,L.,
Morrill,G. and Lee,S.F.
Insecticidal toxins and nucleotide sequences encoding these toxins
Patent: JP 2002513574-A 22 14-MAY-2002;
MYCOGEN CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JAMES SCHMEITS, DAVID LOEWER, CHARLES JOSEPH DULLUM, JUDY MULLER
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C12N15/09,A01H5/00,A01N63/00,C07K14/325,C12N5/10,C12Q1/68, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          06-MAY-1999 JP 2000547237
06-MAY-1998 US 09/073898
JERALD S FRITELSON, ERNEST H SCHNEPF, KENNETH E NARVA, BRIAN A
STOCKHOFF,
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 13.2; DB 1;
llarity 83.3%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 3;
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/organism="unidentified"
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/db_xref="taxon:32644"
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PAT 17-JUL-2003

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synthetic construct
synthetic construct
synthetic construct
artificial sequences.

Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.

Antisense oligomucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha)

ISIS PHARMACENTICALS INC
OS Artificial Sequence
PN JP 2002256125-A,304
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1999 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA P BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANAHAN JR
PC C12N15/09,A61K31/7115,A61K31/7125,A61K48/00,A61P21/PC
PC 00,A61P1/16,
PC A51P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HUL43252 20 bp DNA linear PAT 17-JUL-2003
Variants of humanized anti-carcinoma monoclonal antibody CC49.
BD243252
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To UP 202528127-A/12
PD 3-SEP-2002
PP 29-OCT-1999 JP 2000579766
PR 31-OCT-1999 US 60/106534,02-NOV-1998 US 60/106757 PI
SYED V S KASHMIRI, EDMARDO A PADLAN, JEFFREY SCHLOW PC
C12N15/09,AG1K39/395,AG1K39/395,AG1P35/00,CO7K16/18,C12P21/08, PC
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BD243252.1 GI:33053022

JP 2002528127-A/12.

Switchetic construct

Switchetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 20)

S Kashmiri,S.V.S., Padlan,B.A. and Schlom,J.

Variants of humanized anti-carcinoma monoclonal antibody CC49

L Patent: UP 2002528127-A 12 03-SEP-2002;

THE UNITED STATES OF AMERICA

OS Artificial Sequence

PN JP 2002528127-A/12

PD 03-SEP-2002

PF 29-OCT-1999 US 60/106534, TINDER 10-NOV-1998 US 60/106757 PI
                                                                                         BD228101 20 bp DNA linear PAT 17-Antisense oligonuclectide regulation of expression of tumor necrosis factor-alpha (TNF-alpha).
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organism='Artificial Sequence'.
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83.3%; Pred. No. 8.7e+02;
iive 0; Mismatches 3; Indels
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    .20
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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BD228101.1 GI:33037871
JP 2002526125-A/304.
18 CCCTCAGACGCCACATCC 1
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                                                          RESULT 1366
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KEYWORDS
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AGIP1/18, AGIP3/10, AGIP17/00, AGIP17/04, AGIP29/00, AGIP31/00, PC
                    MARC S COLLETT
PC C12N15/09,A61K39/29,C07K16/40,C12N1/15,C12N1/19,C12N1/21 PC
,C12N5/10,C12N7/00,
PC C12N5/112,C12Q1/68,C12Q1/70,G01N33/15,G01N33/50,G01N33/566, PC
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  60/090356 PI
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PF 05-OCT-1999 JP 2000574737
PR 05-OCT-1998 WS 09/166186,18-MAY-1999 WS 09/313932 PI
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANAHAN JR
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                                                                                                                                                                                                          1. .20
/organism='Hepatitis virus (hepatitis C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    artificial sequences.

1 (bases 1 to 20)

Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.
Antisense oligonucleotide regulation of expression of tumor necrosis factor—alpha (TWF-alpha)
Patent: JP 2002526125-A 260 20-AUG-2002;
ISIS PHARMACEUTICALS INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antisense oligonucleotide regulation of expression of tumor morrosis factor-alpha (TNF-alpha).
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0
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PC C12P21/08,C12N15/00,C12N5/00
CC Hepatitis C virus NS5B composition and method of same
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                                                                                                                                                                                                                                                                                                                                                                                  Score 13.2; DB 1; Length 20;
Pred. No. 8.7e+02;
0; Mismatches 3; Indels
  60/080509,23-JUN-1998 US
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/organism="synthetic construct"
                                                                                                                                                                                 Location/Qualifiers
                                                                                                                                                                                                                                                                                      1. .20
/organism="unidentified"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"/db_xref="taxon:32644"
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PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A611
C07H31/02,
PC C07H31/04,C12N15/00
CC Synthetic Locati
FH Key Locati
FT source Locati
FT Source / Organ
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JP 2002526125-A/260
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lest Local Similarity 83.3%;
latches 15; Conservative (
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  02-APR-1998 US
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synthetic construct
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Gaps

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Score 13.2; DB 1;
Pred. No. 8.7e+02;
5; Mismatches 3;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:10095"
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C12N15/00,C12N5/00,

PC AGIX37/02,A61K37/66

CC Interferon-beta fusion

PH Key Locat:

FT source 1.21
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PC A61K37/02,A61K37/66
CC Interferon-beta fusion
FH Key Locat
FT source 1...2
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JP 2002527100-A/32
27-AUG-2002
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BD251154.1 GI:33060924
JP 2002527100-A/32.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%;
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Best Local Similarity 60.0
Matches 12; Conservative
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Mus sp.
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                                  Variants of humanized anti-carcinoma monoclonal antibody CC49 Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JP 200253986-A/7
26-NOV-2002
17-MAR-2000 JP 2006608790
26-MAR-1999 US 09/280799
NICHOLAS M DEAN, JAMES G KARRAS, ROBERT MCKAY
C12N15/09, AG1K31/711, AG1K48/00, AG1P11/06, AG1P29/00, AG1P35/00,
                                                                                                                                                                                                                                   Gaps
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Tartificial Sequences.

S Dean, N.M., Karras, J.G. and Mckay, R.
Antisense modulation of interleukin-5 signal transduction
Patent: JP 2002539846-A 7 26-NOV-2002;

ISIS PHARMACEUTICALS INC
OS Artificial Sequence
RN JP 2002539846-A/7
PD 26-NOV-2002
PF 17-MAR-2000 JP 2000608790
PR 26-MRR-1999 US 09/280799
PI NICHOLAS M DEAN, JAMES G KARRAS, ROBERT MCKAY
PC CLANIS/09, AGIK31/711, AGIK48/00, AGIP3:
PC AGIP43/00, C12NS/02, C12NIS/00
CC Description of Artificial Sequence:Synthetic
FH Source 1..20
PT Source 1..20
FT Source 1..20
FT Source 1..20
FT FT SOURCE 1..20
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                                                                                  organism='Artificial Sequence'
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/mol type="genomic DNA"
/db xref="taxon:32630"
                                                                                                                1..20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                  G01N33/574, G01N33/577, C12N15/00
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JP 2002527100-A/12.
Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
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Best Local Similarity 83.3
Matches 15; Conservative
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C12Q1/02,
PC G01N
CC Vari
FH Key
FT SOU1
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Best Local
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BD247659
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RD251134
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 20)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)
                                                                                                                                                                             OS Homo sapiens (human)

PN JP 2002521100-A/12

PN JP 200252100-2/12

PD 27-AUG-2002

PF 15-OCT-1999 US 60/104491,16-FEB-1999 US 60/120237 PI
ADRIAN WHITTY,LAURA RUNKEL, MARGOT REICKELMAIER, PAULA HOCHMAN PC
C12N15/09,A61K38/00,A61K38/21,A61P9/00,A61P31/12,CO7K14/565, PC
C07K17/08,

PC C07K19/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC
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PR 16-0CT-1998 US 60/104491,16-FEB-1999 US 60/120237
ADRIAN WHITTY LAURA RUNKEL, MARGOT BRICKELMAIER, PAULA HOCHMAN
C12N12/09, AG1K38/00,AG1K38/21,AG1P9/00,AG1P31/12,CO7K14/565, PC
C07K17/08,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism='Homo sapiens (human)'.
Location/Qualifiers
                                                                    Justes I.C. 20).
Interferon-beta fusion proteins and uses
Patent: JP 2002527100-A 12 27-AUG-2002;
BIOGEN INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Whitty, A., Runkel, L., Brickelmaier, M. and Hochman, P. Interferon-beta fusion proteins and uses Patent: JP 2002527100-A 32 27-AUG-2002; BIOGEN INC
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PAT 04-MAR-2004
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Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                          20 bp Dl Sequence 1 from Patent WO2004011938.
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Sequence 4 from Patent W02004029228.
CQ797898.
CQ797898.1 GI:46426394
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Sequence 2 from Patent W02004029271.
CQ798003.1 GI:46426476
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae,
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 2004009842-A 24 29-JAN-2004;
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Sequence 54 from Patent WO2003106681.
CQ759142.
CQ759142.1 GI:44849133
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/mol_type="unassigned DNA"
/db_xref="taxon:10118"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Patent: WO 2004035803-A 920 29-APR-2004;
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The University Court of The University of Aberdeen (GB)
Location/Qualifiers
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Hoshino,T., Ichikawa,K.M. and Tazoe,M.5.
Recombinant microorganism for the production of vitamin b6
Patent: WO 2004029271-A 2 08-APR-2004;
DSM IP Assets B.V. (NL)
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Sequence 35 from Patent WO2004046381.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                Morgan, R.G., Pettengell, R., Forraz, N.P. and Mcguckin, C.P.
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    /organism='Artificial sequences'

                                                             Length 20;
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Patent: WO 2004055049-A 104 01-JUL-2004;
ST. GEORGE'S ENTERPRISES LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 13.2; DB 1;
13.3%; Pred. No. 8.7e+02;
                                                         Score 13.2; DB 1;
Pred. No. 8.7e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
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Sequence 104 from Patent WO2004055049.
CQ830249
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20-JUL-1995 JP 95P 206522
ENOMOTO NOBUYUKI
/db_xref="taxon:32630"
/note="Primer"
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JP 1997084599-A/4
31-MAR-1997
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                                                                                                                                     923 TGTTCCAGCTGCTCCGTG 940
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hypothetical: No;
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synthetic construct
artificial sequences.
                                                         Query Match 0.8%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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JP 1997084599-A/4.
unidentified
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Enomoto, N.
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Best Local Similarity 83.33
Matches 15; Conservative
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Immortalized human papilla pili cell and method for evaluating hair growth stimulants with the use of the same Patent: JP 199089565-A 38 06-APR-1999;
SHISELDO CO LTD
OS Unidentified
PD 06-APR-1999
PD 06-APR-1999
PP 19-SEP-1997 JP 1997271927
                                                                                                                                                                                                                    (C12P21/02,C12R1:91),C12N5/00,C12N15/00,(C12N5/00,C12R1:91) CC
Strandedness: Single;
Topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA linear PAT 18-JUN-2001 treatment with genotype 1b for
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                                                                                                                                                            MASAHIRO TAJIMA,
PI HIROSHI HANDA
PC C12NS/10, A61K7/06, C12N1S/09, C12P21/02, C12Q1/02//(C12NS/10,
                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Nobuyuki, B.
Method for judging efficacy of treatment with genotype 1b for hepatitis C virus and primer therefor Patent: JP 1999225782-A 4 24-AUG-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                             JUN SUZUKI, ERIKO TAKEOKA, CHIKA HAMADA, AKIHIRO ISHINO,
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 8.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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/organism='Unidentified'
Location/Qualifiers
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hepatitis C virus and primer therefor.
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/organism="unidentified"
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/organism="unidentified"
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UP 1999225782-A/4
24-AUG-1999
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JP 1999225782-A/4.
unidentified
unidentified
unclassified.
1 (bases 1 to 20)
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1 (bases 1 to 20)
Jun,S., Eriko,T., Chika,H., Akihiro,I., Masahiro,T. and Hiroshi,H.
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    /organism='Artificial sequences'.

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                                                                                                  Length 20;
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Matsubara,T., Shoji,Y., Mizushima,Y. and Uchida,K.
NUCLEIC ACID COMPOUND
                                                                                                                                                                                                                                                                        linear
                                                                                                                                  Indels
                                                                                                uery Match 0.8%; Score 13.2; DB 1; 1 est Local Similarity 83.3%; Pred. No. 8.7e+02; latches 15; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   iocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: JP 1997286795-A 3 04-NOV-1997;
TOAGOSEI CO LTD
                         1. .20
/organism="unidentified"
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        Location/Qualifiers
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JP 1997286795-A/3
04-NOV-1997
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strandedness: Single;
CC topology: Linear;
CC anti-sense: Yes;
Loc
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JP 1999089565-A/38.
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

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E59458

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PAT 26-JUL-1995
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                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 20)
Okamoro,H. and Nakamura,T.
Okamoro,H. and Nakamura,T.
Oligonuclectides and determination system of HCV genotypes
Patent: US 5427909-A 41 27-JUN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unclassified.

1 (bases 1 to 20)
Wang, C.-N.J. and Wu, K.-Y.
Methods for reducing non-specific priming in DNA detection
Patent: US 5567583-A 13 22-OCT-1996;
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3;
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Sequence 41 from patent US 5427909.
112631
112631.1 GI:910013
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Sequence 9 from patent US 5583038.
I31852.
I31852.1 GI:1822643
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 3 CCAACACGACCTGCTCC 20
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Conservative
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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                                                                                                          E59458 20 bp DNA linear PAT 09-JAN-2004 Method for detecting nucleic acid derived from Legionella
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E 1 (bases 1 to 20)
S Fujii.T., Goda, H., Hoshina, S., Tsuruoka, M. and Karube, M.
S Fujii.T., Goda, H., Hoshina, S., Tsuruoka, M. and Karube, M.
Method for detecting nucleic acid derived from Legionella
Datent: JP 2000217600-A 1 08-AUG-2000;
MASAO KARUBE, MAKOTO TSURUOKA, TOWA KAGAKU KK
OS Artificial Sequence
DN JP 2000217600-A/1
PP 08-AUG-2000
PP 29-JAN-1999 JP 1999021839
PR 74A-ART FUJII, HIROSHI GODA, SADAYORI HOSHINA, MAKOTO TSURUC
PI MASAO KARUBE
CC
CC
CC
FK
Key
LC201/68, C12N15/09, C12N15/00
FT
Source
LOCATION Qualifiers
FT
Source
/organism='Artificial Sequence'.
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1 (bases 1 to 20)

20s.J.L. and Van der Eb,A.J.

Probes and white the detecting activated ras oncogenes Patent: US 4871838-A 1 03-0CT-1989;
The Board of Rijks Universiteit Leiden;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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102469
102469.1 GI:270470
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/organism="unknown"
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GCCACCTACCAAGGCCCC 1
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E59458.1 GI:18629951
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PAT 07-0CT-1997
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                                                                                                                         W Unknown.
Unclassified.
B 1 (bases 1 to 20)

AS Banker,M.J. Davidson,R.E. and Pereira,D.A.
Process for detecting specific mRNA and DNA in cells
Process for detecting specific mRNA and DNA in cells
Location/Qualifiers

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Wang, C.-N.J. and Wu, K.-Y.
Kits for detecting a target nucleic acid with blocking oligonucleotides
Patent: US 5712386-A 13 27-JAN-1998;
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3;
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Pred. No. 8.7e+02;
0; Mismatches 3;
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1 (bases 1 to 20)
Buxton,F., Jarai,G. and Visser,J.
Aspergilus niger vacuolar aspartyl patent: Location/Qualifiers
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Sequence 13 from patent US 5712386.
183050
183050.1 GI:3211347
                                        150819 20 bp Sequence 10 from patent US 5643730.
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Sequence 13 from patent US 5674728.
168093
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/organism="unknown"
/mol_type="unassigned DNA"
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Matches 15; Conservative
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Kourilsky, P., Pannetier, C. and Cochet, M.

Kourilsky, P., Pannetier, C. and Cochet, M.

Kethod for describing the repertoires of antibodies (Ab) and of

T-cell receptors (TRR) of an individual's immune system

Patent: US 5635354-A 12 03-JUN-1997;

Location/Qualifiers
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Mitsuhashi,M. and Cooper,A.
Mitsuhashi,M. and Cooper,A.
Method for detecting polynucleotides with immobilized
polynucleotide probes identified based on T.sub.m
Patent: 15 5639612-A 597 17-JUN-1997;
Location/Qualifiers
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Sequence 597 from patent US 5639612.
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/organism="unknown"
/mol_type="unassigned DNA"
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signals of lipoproteins
Patent: US 5583038-A 9 10-DEC-1996;
Location/Qualifiers
                                                        /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 12 from patent US 5635354.
144654 1 GI:2469367
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/organism="unknown"
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146618.1 GI:2470583
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                                                  Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 8.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 8.7e+02;
ative 0; Mismatches 3; Indels
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Pred. No. 8.7e+02;
0; Mismatches 3; Indels
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1 (bases 1 to 20)

Bennett, C.Frank. and Dean, N.
Oligonucleotide modulation of protein kinase C
Patent: US 5703054-A 44 30-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                   DNA
1. .20
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                             Sequence 44 from patent US 5703054.
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Sequence 44 from patent US 6339066.
AR182736
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/organism="unknown"
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Best Local Similarity 83.3%;
Matches 15; Conservative 0
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RESULT 1395

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                                                                                                                                          Unclassified.

Unclassified.

(bases 1 to 20)

Drazen,J.M., In,K.-H., Asano,K., Beier,D. and Grobholz,J.

5-Lipoxygenase gene polymorphisms and their use in classifying patients
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Baker,B.F., Bennett, C.Frank. and Wyatt, J.
Antisense modulation of inhibitor of DNA binding-1 expression
Patent: US 6372433-A 70 16-APR-2002;
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Billing-Medel, P.A., Cohen, M., Colpitts, T.L., Friedman, P.N.,
Hayden, M., Klass, M.R., Roberts-Rapp, L., Russell, J.C. and
Stroupe, S.D.
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83.3%; Pred. No. 8.7e+02;
trive 0; Mismatches 3;
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Location/Qualifiers
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Patent: US 6368792-A 29 09-APR-2002;
Location/Qualifiers
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Sequence 70 from patent US 6372433.
AR206650
AR206650.1 GI:21505317
20 bp 1
Sequence 37 from patent US 6355434.
AR199416
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/mol_type="unassigned DNA"
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AR204666
AR204666.1 GI:21502050
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/mol_type="unassigned DNA"
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Unclassified.

(bases 1 to 20)

Johansen,J.T., Hyldig-Nielsen,J.J., Fiandaca,M.J. and Coull,J.M.
Methods, kits and compositions for the identification of nucleic acids electrostatically bound to matrices

Patent: US 6441152-A 7 27-AUG-2002;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Tapscott,S.J.
Neurogenic differentiation gene neurod3 and methods for inducing differentiation of cells
Patent: US 6444463-A 23 03-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Antisense modulation of E2F transcription factor 2 expression Patent: US 6444464-A 71 03-SEP-2002; Location/Qualifiers
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Pred. No. 8.7e+02;
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Best Local Similarity 83.3%; Pred. No. 8.7e
Matches 15; Conservative 0; Mismatches
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/mol_type="unassigned DNA"
Sequence 7 from patent US 6441152.
AR225012
AR225012.1 GI:23334133
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/organism="unknown"
/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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Antisense modulation of casein kinase 2-beta expression
Patent: US 6440738-A 139 27-AUG-2002;
Location/Qualifiers
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Bennett, C.F. and Cowsert, L.M.
Antisense modulation of calreticulin expression
Patent: US 6426220-A 46 30-JUL-2002;
                                                                             Score 13.2; DB 1;
Pred. No. 8.7e+02;
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AR221407
                                                /mol_type="unassigned DNA"
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 Location/Qualifiers
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                      Unclassitut.

I (bases 1 to 20)
Nicklin,P.L., Phillips,J.A., Love,W.G. and Hamilton,K.O.
Pharmaceutical compositions
Patent: US 6465439-A 44 IS-OCT-2002;
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
ative 0; Mismatches 3; Indels
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Best Local Similarity 83.3%; Pred. No. 8.78+02;
Matches 15; Conservative 0; Mismatches 3
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Location/Qualifiers
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Location/Qualifiers
1. .20
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Sequence 14 from patent US 6479234.
AR252773
                                                                                                                                       /mol_type="genomic DNA"
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/mol_type="mRNA"
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/mol_type="mRNA"
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Best Local Similarity 83.3
Matches 15; Conservative
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Sidransky, D.
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1 (bases 1 to 20)
Baker,B.F. and Freier,S.M.
Antisense modulation of interleukin 12 p40 subunit expression Patent: US 6448081-A 43 10-SEP-2002;
Location/Qualifiers
                                 Gaps
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0.8%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 8.7e+02; tive 0; Mismatches 3; Indels
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83.3%; Pred. No. 8.7e+02;
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Popoff, I. and Cowsert, L. M.
Antisense modulation of PARP expression
Patent: US 6451602-A 344 17-SEP-2002;
Location/Qualifiers
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/mol_type="genomic DNA"
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/organism="unknown"
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ARZ31084.1 GI:27271871
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Unknow...
Unclassified.
1 (bases 1 to 20)
Adema_G.J. and Figdor, C.G.
Adema_G.J. and Figdor, C.G.
Melanoma associated antigenic polypeptide, epitopes thereof and
vaccines against melanoma
vaccines against melanoma
Patent: US 6500919-A 29 31-DBC-2002;
Location/Qualifiers
            1 (bases 1 to 20)
Nitz,T.J. and Pevear,D.C.
Compounds, compositions and methods for treating or preventing pneumovirus infection and associated diseases
Patent: US 6495580-A 27 17-DEC-2002;
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 637751-A 5836 25-MAR-2003;
Location/Qualifiers
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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US 6537751.
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Sequence 29 from patent US 6500919.
AR269298
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Sequence 5836 from patent
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AR294101.1 GI:31681385
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Mezes, P.S., Richard, R.A., Johnson, K.S., Schlom, J., Kashmiri, S.V.S., Shu, L. and Padlan, E.A.
Shu, L. and Padlan, E.A.
Rappa light chains
Patent: US 6495137-A 39 17-DEC-2002;
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Cowsert, L.M.
Antisense medulation of dual specific phosphatase 8 expression
Patent: US 6482644-A 37 19-NOV-2002;
Location/Qualifiers
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Sequence 37 from patent US 6482644.
AR255978
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Sequence 39 from patent US 6495137.
AR266502
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Seguence 27 from patent US 6495580.
AR267178
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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83.3%; Pred. No. 8.7e+02;
Live 0; Mismatches 3; Indels
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Bennett, C.F., Dean, N.M., Holmlund, J.T. and Dorr, F.A. Oligonucleotide inhibition of protein kinase C
Patent: US 6537973-A 44 25-MAR-2003;

Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 8572 25-MAR-2003;
Location/Qualifiers
                                                                                      Sequence 8572 from patent US 6537751. AR296837
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Sequence 44 from patent US 6537973.
AR300816
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1525 ATTCAGCTACAAAAGGAG 1542
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Flercher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655224-A 3591 06-MAY-2003;
Location/Qualifiers
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2 (fifals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D. Chlamydia pneumoniae polynucleotides and uses thereof Patent: US 6559294-A 3605 06-MAY-2003;
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Matches 15; Conservative 0; Mismatches 3; Indels
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Antisense modulation of protein phosphatase 2 catalytic subunit
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Feitelson, G.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A.,
Feitelson, G.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A.,
Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L.,
Morrill, G. and Finstad-Lee, S.
Plants and cells transformed with a nucleic acid from Bacillus
thuringiensis strain KB5944-6 encoding a novel SUP toxin
Patent: US 6603063-A 20 05-AUG-2003;
Location/Qualifiers
Antisense modulation of Interferon gamma receptor 1 expression Patent: US 6566132-A 22 20-MAY-2003; Location/Qualifiers
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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13.3%; Pred. No. 8.7e+02;
.ve 0; Mismatches 3;
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Patent: US 6602713-A 101 05-AUG-2003;
Location/Qualifiers
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Sequence 20 from patent US 6603063.
AR373979.1 GI:40076533
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 4963 06-MAY-2003;
Location/Qualifiers
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Watt, A.T.
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1 (Dases 1 to 20)

Bennett, C.F. and Watt, A.T.

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Patent: US 6656732-A 93 02-DEC-2003;
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1 (bases 1 to 20)
Bennett, C.F. and Watt, A.T.
Antisense inhibition of src-c express)
Patent: US 6656732-A 155 02-DEC-2003;
Location/Qualifiers
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Bennett, C.F. and Watt, A.T.
Antisense inhibition of src-c express
Patent: US 6656732-A 46 02-DEC-2003;
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Seguence 155 from patent US 6656732.
AR437103
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Unclassified.
1 (bases 1 to 20)
Spear, P.G., Warner, M.S., Geraghty, R.J., Martinez, W.M.,
Montgomery, R.I., Cohen, G.H., Bisenberg, R.J., Whitbeck, C.J. and
                                                                                                                                                                                                                      [bases I to 20]
Feitelsaon,J.S., Schnepf,H.E., Narva,K.E., Stockhoff,B.A., Schneits,J. Loewer,D., Dullum,C.J., Muller-Cohn,J., Stamp,L., Morrill,G. and Finstad-Lee,S.
Plants and cells transformed with a nucleic acid from Bacillus thuringiensis strain KBS9A4-6 encoding a novel SUP toxin Patent: US 6603063-A 27 05-AUG-2003;
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83.3%; Pred. No. 8.7e+02;
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Cellular proteins which mediate herpesvirus entry
Patent: US 6641818-A 5 04-NOV-2003;
Location/Qualifiers
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                                                                             20 bp Sequence 27 from patent US 6603063. AR373986
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Sequence 46 from patent US 6656732.
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/organism="unknown"
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/organism="unknown"
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Matches 15; Conservative
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RESULT 1424 AR428075

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RESULT 1425 A3436994

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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmetts, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these toxins
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A.,
Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L.,
Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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Sequence 116 from patent US 6656908.
ARA37244.1 GI:40202101
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Location/Qualifiers
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Sequence 169 from patent US 6670124.
AR442268.1 GI:42669525
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                                                    AR437216 20 bp
Sequence 70 from patent US 6656908.
AR437216.1 GI:40202073
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Kim,C.M., Park,H.K. and Jang,H.J.
Oligonucleotide for detection and identification of Mycobacteria
Patent: US 6670130-A 25 30-DEC-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 20)

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1 Kim,C.M., Park,H.K. and Jang,H.J.

Oligonuclectide for detection and identification of Mycobacteria
Patent: US 6670130-A 81 30-DEC-2003;
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Chow, R. and Tonai, R.
High throughput methods of HLA typing
Patent: US 6670124-A 169 30-DEC-2003;
Location/Qualifiers
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Sequence 25 from patent US 6670130.
AR442417
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Sequence 81 from patent US 6670130.
AR442473.1 GI:42669730
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/organism="unknown"
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PAT 06-SEP-2000
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Proteins and genes useful as tumor markers
Patent: WO 9960115-A 9 25-NOV-1999; LEUVEN FRED VAN (BE)
VLAAMS INTERUIT INST BIOTECH (BE); LEUVEN FRED VAN (BE)
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                                                                                                                                            Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 8.7e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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/db_xref="taxon:32630"
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NEUROSEARCH AS (DK)
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Sequence 8 from Patent W00044786.
AX033001
                                                                                     /mol_type="genomic DNA"
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                                                             /organism="unknown"
Location/Qualifiers
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Homo sapiens
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1 (bases 1 to 20)

Yanai,Y., Ariyasu,H., Ohta,T. and Kurimoto,M.

DNA which encodes trehalase and uses thereof
Patent: US 6713618-A 4 30-MAR-2004;
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O.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Matches 15; Conservative 0; Mismatches 3;
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DNA-embedding medium and method of v.

Patent: US 6706499-A 7 16-MAR-2004;

Location/Qualifiers
                                                                                                                 AR475283 20 bp
Sequence 23 from patent US 6692939.
AR475283.1 GI:42714594
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Sequence 4 from patent US 6713618.
AR491423
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Sequence 7 from patent US 6706499.
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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AR487485.1 GI:47252698
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RESULT 1434 AR487485/c LOCUS

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ACCESSION VERSION

KEYWORDS

ORGANISM

REFERENCE

RESULT 1435 AR491423/c

CEFINITION

ACCESSION

VERSION KEYWORDS SCURCE ORGANISM

AUTHORS FITLE REFERENCE

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                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Novel cdnas encoding catenin-binding proteins with function in
signalling and/or gene regulation
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Designed oligonucleotide probe for Southern hybridization"
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Mutant er g(a) and test systems for transactivation
Patent: WO 0142307-A 133 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                            0.8%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 8.7e+02;
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33.3%; Pred. No. 8.7e+02;
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Bell,M.P., Neff,T.B., Polarek,J.W. and Seeley,T.W.
Animal collagens and gelatins,
Patent: WO 0134647-A 14 17-MAY-2001;
FIBROGEN, INC. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                AX146433.1 GI:14284851
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, 2ea.
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Patent: WO 0104306-A 10 18-JAN-2001;
Genentech, Inc. (US)
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
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33.3%; Pred. No. 8.7e+02;
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:4577"
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Sequence 16 from Patent WO0065040.
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Sequence 10 from Patent W00104306.
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Sequence 14 from Patent WO0134647.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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              Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
Location/Qualifiers
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Libraries of optimum subsequence regions of mrna and genomic dni
for control of gene expression
Patent: WO 0161030-A 62 23-AUG-2001;
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
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13.3%; Pred. No. 8.7e+02;
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                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="primer FVR160R"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Artificial"
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Patent: WO 0147954-A 69 05-JUL-2001;

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    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 4738 25-OCT-2001, CORNELL RESERRCH FOUNDATION, INC. (US)
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0.8%; Score 13.2; DB 1; Length 20; 83.3%; Pred. No. 8.7e+02;
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83.3%; Pred. No. 8.7e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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PAT 26-NOV-2001

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PAT 11-DEC-2001

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent. WO 0179548-A 7805 25-OCT-2001; CORNELL RESPRACH FOUNDAIDN, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other sweeteners Patent: WO 0183749-A 467 08-NOV-2001; WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Microsatellite-aflp&reg
Patent: Wo 0188189-A 48 22-NOV-2001;
Keygene N.V. (ML)
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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Pred. No. 8.7e+02;
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Sequence 467 from Patent WO0183749.
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Sequence 48 from Patent WO0188189.
AX304905.
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/organism="Mus sp."
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AX298833.1 GI:17128823
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Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Barany, F., Zirvi, M., Gerry, N. P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 5714 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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/mo.l type="unassigned DNA"
/db Xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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Pred. No. 8.7e+02;
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Seguence 4901 from Patent WO0179548.
AX293139
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Seguence 5714 from Patent WO0179548.
AX293952
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PAT 14-JUN-2002

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Bacher, J.W., Flanagan, L. and Nassif, N. Detection of microsatellite instability and its use in diagnosis of
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Patent: WO 0222879-A 48 21-MAR-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="D382432 primer"
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/db_xref="taxon:9606"
/note="FGA primer"
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Sequence 17 from Patent WO0222879.
AX412191
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Sequence 48 from Patent WO0222879.
AX412222
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                                                                                                                  Length 20;
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33.3%; Pred. No. 8.7e+02;
lve 0; Mismatches 3; Indels
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Method of identifying and/or isolating stem cells
Patent: WO 0192877-A 16 06-DEC-2001,
ST. JUDE CHILDREN'S RESEARCH HOSPITAL (US)
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                             /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="primer"
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/mol_type="unassigned DNA"
/db xref="reaxon:32630"
/note="primer"
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/organism="synthetic construct"
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Sequence 20 from Patent WO0208406.
AX363224
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Sequence 16 from Patent WO0192877.
AX322802.1 GI:18093774
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PAT 14-JUN-2002

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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Aegilops.
                                    von Knebel Doeberitz, M., Bork, P., Yuan, Y.P., Gebert, J., Woerner, S. and Linnebacher, M.
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Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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                                                             Genes and their genetic products pertinent to microsatellite instable (msi+) tumours
Patent: WO 0204664-A 11 17-JAN-2002;
Von Knebel Doeberitz, Magnus (DE)
Location/Qualifiers
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Microsatellite markers from Triticum tauschii
Patent: EP 1217079-A 533 26-UJN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L. Gene disruption methodologies for drug target discovery Patent: WO 0205378-A_4 081 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US) Location/Qualifiers
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0; Mismatches 3;
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/organism="synthetic construct" |
/mol_type="unassigned DNA" |
/db_xref="taxon:32630" |
/nob_e="pximer" |
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Best Local Similarity 83.3
Matches 15; Conservative
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Genes and their pm.
Genes and their genetic products pertinent to microsatellite instable (msi+) tumours
Patent: Wo 02046664-A 917-JAN-2002;
Von Knebel Doeberitz, Magnus (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xef="taxon:32630"
/note="01igonucleotide hybridizable with a specific site
of HIV-1 RNA"
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Oligonuclectide for detection of hiv-1 and detection method
Patent: EP 1203826-A 1 08-MAY-2002;
Tosoh Corporation (JP)
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Pred. No. 8.7e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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Sequence 11 from Patent WO0204664.
AX440985.1 GI:21665605
                  AX429773 20 bp
Sequence 1 from Patent BP1203826.
AX429773
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Sequence 9 from Patent WO0204664.
AX440983
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PAT 27-SEP-2002

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Spagnoli, R., Achstetter, T., Cauet, G., Degryse, E., Dumas, B., Pompon, D. and Winter, J.
Feast strains autonomously producing steroids
Patent: W0 02061109-A 49 08-AUG-2002;
Aventis Pharma S.A. (FR)
                                                                                                                                                                                                                                           Wess, J. and Yamada, M.
Methods and compositions for analysis of m3 muscarinic acetylcholine receptors.
Patent: WO 0246421-A 2 13-JUN-2002;
THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
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33.3%; Pred. No. 8.7e+02;
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|noFe="Oligonucleotide X3TDH3"
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/db_xref="taxon:32630"
/noTe="Synthetic"
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Sequence 164 from Patent WO0236761.
AXS87388
AX587388.1 GI:27656253
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                                                                                 Sequence 2 from Patent WO0246421.
AX511438
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19 GATAGTGCCCAGGCATCA 2
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Saccharomycetales; mitosporic Saccharomycetales; Candida.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02063778-A 4186 11-JUL-2002; Elitra Pharmaccuticals, Inc. (US) Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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AX486886
 1. .20
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Novozymes Biotech, Inc. (US); ZymoGenetics, Inc. (US)
Location/Qualifiers
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Mdrl variants and methods for their use
Patent: WO 02057499-4.
Washington State University Research Foundation (US)
Location/Qualifiers
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/mote="taxon:32630"
/note="synthetic oligonucleotide"
                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Cancer Research Technology Limited (GB)
Location/Qualifiers
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Sequence 10 from Patent W002057499.
AX676286 1 GI:29333962
                                                                                                          /note="Cytomegalovirus"
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                                                                                     D'Andrea, A.D., Taniguchi, T., Timmers, C. and Grompe, M. Methods and compositions for the diagnosis of cancer susceptibilities and defective dna repair mechanisms and treatment
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Patent: WO 0236760-A 27 10-MAY-2002;
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/db_xref="taxon:32630"
/noce="MG742"
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/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
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DANA FARBER CANCER INSTITUTE (US)
Location/Qualifiers
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Sequence 27 from Patent WO0236760.
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Sequence 44 from Patent EP1310555.
AX774432
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                                                                                                                                                                                                                                                                 Karlsen,F.
Detection of microorganisms using inducible genes
Patent: WO 02074991-A 82 26-SBP-2002;
Norchip A/S (NO)
Location/Qualifiers
                                                                                                                            linear
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1. .20
Aoganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="primer sequence"
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|mol_trype="unassigned DNA"
|dol_xref="taxon:32630"
|noce="probe"
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Sequence 159 from Patent WO03042247.
AX767230
                                                                                                                     Sequence 82 from Patent W002074991.
AX708757
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                535 AGCCCCATCTTTGACAAG 552
                                      3 AGCCGCATCATTGGCAAG 20
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Best Local Similarity
Matches 15; Conserve
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ORGANISM
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VERSION
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TITLE
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Multiplex PCR primer set for human hnf-lalpha gene amplification
Patent: EP 1321331-A 5 25-UUN-2003;
SAMSUNG ELECTRONICS Co. Ltd. (KR)
Location/Qualifiers
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/organism="synthetic construct"
Mol type="unassigned DNA"
/db xref="taxon:32650"
/noTe="Synthetic oligonucleotides for Vkl assembly
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                    Length 20;
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Oligonucleotide modulation of protein kinase C
Patent: EP 1310555-A 44 14-MAY-2003;
ISIS PHARMACEUTICALS, INC. (US)
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Gaps

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Synthetic construct

SM synthetic construct

artificial sequences.

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I (bases 1 to 20)

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I (bases 1 to 20)

BY Anal, Y., Ariyasu, H., Ota, T. and Kurimoto, M.

DNA encoding trehalase and utilization thereof

L Patent: UP 2010137491-A 16 13-FEB-2001;

KK HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO

OS Artificial Sequence

PN UP 2001037491-A/16

PD 13-FEB-2001

PP 23-MAY-2000 UP 2000151894

PR 23-MAY-2000 UP 2000151894

PR YOSHIAKI YANAI, HARUMI ARIYASU, TSUNETAKA OTA, MASASHI KURIMOTO

PC CIZNIS/09, A01K67/027, CIZNI/15, CIZNI/121, CIZNI/21, CIZNI/10, PC CIZNI/24//
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CIZNI5/09,A01K67/027,C12N1/15,C12N1/19,C12N1/21,C12N5/10,PC
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/organism='Artificial Sequence'.
Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
trive 0; Mismatches 3; Indels
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I (bases 1 to 20)

Yanai, Y., Ariyasu, H., Ota, T. and Kurimoto, M.

DNA encoding trehalase and utilization thereof
Patent: JP 2001037491-A 3 13-FEB-2001;

KK HAYASHIBAAA SEIBUTSU KAGAKU KENKYUJO

ON Artificial Sequence
PN JP 2001037491-A/3

PD 13-FEB-2001

PF 23-MAY-2000 JP 2000151894

PR YOSHIAKI YANAI, HARUMI ARIYASU, TSUNETAKA OTA, M.

PC C12N15/09, A01K67/027, C12N1/15, C12N1/19, C12N
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DNA encoding trehalase and utilization thereof
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DNA encoding trehalase and utilization thereof.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
0; Mismatches
                                                       1563 GATGCCTGACTCAGGCAG 1580
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JP 2001037491-A/3.
synthetic construct
synthetic construct
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JP 2001037491-A/16.
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Best Local Similarity 83.3%
Matches 15; Conservative
  Matches 15; Conservative
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BD004302/c
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BD004315/c
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                        /organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="teamon:38c0"|
|db_xref="teamon:38c0"|
|hoTe="forward primer for amplifying exonl of MODY3 gene"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Method for determining the presence of an unconventional
transmissible agent responsible for transmissible subacute
spongiform encephalopathy
Patent: WO 03093505-A 128 13-NOV-2003;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lewin, D., Goddard, A.D., Grimaldi, J.C. and Chui, C.J.

Bfit (brown fat inducible thioesterase) polypeptides and
polymolectides and their use
patent: WO 20268619-A 15 06-SEP-2002;

Curagen Corporation (US); GENENTECH, INC. (US)

Location/Qualifiers
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Pred. No. 8.7e+02;
0; Mismatches 3; Indels
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Pred. No. 8.7e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer oligonucleotide"
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AX956221
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Seguence 15 from Patent WO02068619.
AX925403
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                      513
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Gaps

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Novel pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
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/db_xref="taxon:32644"
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                                         BD008744.1 GI:18637117
JP 2001502919-A/72.
unidentified
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06-MAR-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                    Topology: Linear;
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                                                                                                                                                                                                                                     Unidentified
                                                                                    unidentified unclassified.
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Best Local Similarity
Matches 15; Conserv
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PC G01N3
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 DEFINITION
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Feitelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A.,
Schmeits,J.L., Loewer,D., Schwab,G., Dullum,C.J., Cohn,J.M. and
                                                                                                                                                                                           Gaps
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PI JAMES I SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,
PI CHARLER JOSEPH DULLOM,
PI JUDY MULLER COHN, LISA STAMP
PC C12N15/32, CO7K14/325, C12Q1/68, A01N63/00, C12N15/82 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                           3; Indels
 (C12N9/24, C12R1:91), C12N15/00, C12N5/00
                                           ce 1. .20
/organism='Artificial
Location/Qualifiers
                                                                                                                                                           Query Match
0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 8.7e+02;
Aatches 15; Conservative 0; Mismatches 3;
                              Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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MYCOGEN CORP

    .20
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 2001502919-A/44.
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06-MAR-2001
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BD008716/c
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BD016035 20-AUG-2002 Oligonucleotide modulation of protein kinase C-epsilon. BD016035
                                                                                                               Novel pesticidal toxins and nucleotide sequences which encode these
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1 (bases 1 to 20)
Feitelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A.,
Schmeits,J.L., Loewer,D., Schwab,G., Dullum,C.J., Cohn,J.M. and
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BD016035.1 GI:22557173

UP 2001224386-A/44.

Synthetic construct

Synthetic construct

artificial sequences.

E 1 (bases 1 to 20)

S Bennett, F.C., Boggs, R.T. and Dean, N.M.

Oligonucleotide modulation of protein kinase C-epsilon

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PN JP 2001224386-A/44

PN JP 2001224386-A/44

PP 21-AUG-2001

PF 13-DEC-2000 JP 2000379218

PR 09-JUL-1993 US 08/08996,22-FEB-1994 US 08/19977
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FRANK C BENNETT,RUSSELL T BOGGS,NICHOLAS M DEAN PC
CI2N15/09,A61K48/00,C12Q1/48,C12Q1/68,G01N33/15,G01N33/50,
                                                                                                                                                                                                                                                                                                                                                                                  BRIAN A STOCKHOFF,
PI JAMES L SCHWEITS, DAVID LOEWER, GEORGE SCHWAB,
PI CHARLES JOSEPH DUILUM,
PI JUDY MULLER COHN, LISA STAMP
PC C12N15/32. COYK14/325, C12Q1/68, A01N63/00, C12N15/82 CC
Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                           JERALD S FEITELSON, ERNEST H SCHNEPF, KENNETH E NARVA,
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Location/Qualifiers
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3;
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                                                                                                                                                    Patent: JP 2001502919-A 72 06-MAR-2001;
MYCOGEN CORP
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PC A6
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Query Match 0.8%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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1 (bases 1 to 20)
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BD057169
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Synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 20)
S Bennett, F.C., Boggs, R.T. and Dean, N.M.
Oligonuclectide modulation of protein kinase C-zeta
D stent: JP 2001224387-A 44 21-AUG-2001;
ISIS PHARMACEUTICALS INC
S Artificial Sequence
DN JP 2001224387-A/44
DD 21-AUG-2001
PF 13-DEC-2000 JP 2000379249
PR 09-JUL-1993 US 08/089996,22-FEB-1994 US 08/199779 PI
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC
CLIAN, SO, AGLK31/7088, AGLK48/00, AG1P29/00, AG1P29/00, AG1P43/00, PC
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            ce 1. .20 /organism='Artificial Sequence'. Location/Qualifiers
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Pred. No. 8.7e+02;
0; Mismatches 3; Indels
                                                                                                                                  Length 20;
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                                                                                                                                                              3; Indels
                                                                                                                                wery Match 0.8%; Score 13.2; DB 1; Set Local Similarity 83.3%; Pred. No. 8.7e+02; fatches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001224387-A/44.
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PC C12Q1
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Bennett, F.C., Boggs, R. T. and Dean, N.M.
Oligonucleotide modulation of protein kinase C-eta
Patent, JP 2001211579-A 44 28-AUG-2001;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001231579-A/44
PD 28-AUG-2001
PP 13-DEC-2000
JP 2000379234
PR 09-JUL-1993 US 08/08996,22-FEB-1994 US 08/199779 PI
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC
C12N15/09,AGIR31/711,AGIR31/712,AGIR31/7125,AGIR48/00,AGIP29/ PC
00,AGIP35/00,
PC AGIP43/00,CO7H21/00,C12Q1/48,C12Q1/68,G01N33/15,G01N33/50, PC
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synthetic
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1 (bases 1 to 20)
Sarfarazi,M
Diagnosis and treatment of glaucoma
Diagnosis and treatment of glaucoma
Patent: JP 2001512969-A 7 28-AUG-2001;
THE UNIVERSITY OF CONNECTICUT
PN 28-AUG-2001
PP 12-FEB-1999 JP 1998535963
PR 13-FEB-1999 US 08/800036,10-SEP-1997 US
MANSONE SARFARAZI
PC C12Q1/68,G01N33/50
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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33.3%; Pred. No. 8.7e+02;
Ive 0; Mismatches 3;
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RESULT 1485 RD057888/c

DEFINITION

SCURCE ORGANISM

REFERENCE AUTHORS

VERSION KRYWORDS ACCESSION

TITLE JOURNAL

COMMENT

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Pred. No. 8.7e+02;
0; Mismatches 3;
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                                                     1033 GACTITGGCCTGGCCCGA 1050
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BD085694.1 GI:22631304
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83.3%;
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                                                                                    3 GACTITIGCTIGGCCAGA
Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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VERSION
KEYWORDS
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JOURNAL
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TITLE
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KEYWORDS
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17 2001327293-A/310
27 NOV-2001
22-MAY-2000 JP 2000150562
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI PI
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                                                     PAT 27-AUG-2002
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Synthetic construct
artificial sequences.
I chases 1 to 20)
Matsushima, K., Hashimoto, S., Suzuki, T. and Nagai, S.
Human matured/activated dendritic cell expression genes
D Patent: JP 200132793-A 310 27-NOV-2001;
APAN SCIENCE AND TECHNOLOGY CORP
OS Artificial Sequence
PN JP 2001327293-A/310
PP 22-MAY-2000 JP 2000150562
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGER
                                                                                                                                                                                                                                                                            OS UDKNOWN

PN JP 2001516218-A/3

PN JP 2001516218-A/3

PD 15-SEP-2001

PF 16-MAR-1998 JP 1998540243

PI DARIO RENATO ALESSI

PC C12N15/44,C12N9/12,C12N5/10,C07K16/40,C12Q1/48 CC

Strandedness: Single;

CC TOPOLOGY: Linear;

CC STRANDEDNESS: single

CC STRANDEDNESS: Single

CC TOPOLOGY: Linear;

CR STRANDEDNESS: FINEAR;

FH Key
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Human matured/activated dendritic cell expression genes.
BD083389
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83.3%; Pred. No. 8.7e+02;
tive 0; Mismatches 3; Indels
                                                      linear
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                                                      DNA
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Patent: JP 2001516218-A 3 25-SEP-2001;
MEDICAL RESEARCH COUNCIL
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    .20
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                                                                                                    BD057888.1 GI:22603494 JP 2001516218-A/3. unidentified
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JP 2001327293-A/310.
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unclassified.
1 (bases 1 to 20)
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Best Local Similarity
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                                                                       Enzyme.
BD057888
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source

FEATURES

Watches

RESULT 1486 BD083389

DEFINITION ACCESSION VERSION KEYWORDS

SCURCE ORGANISM

REFERENCE AUTHORS

JOURNAL

OMMENT

TITLE

FEATURES

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BD085694 20-AUG-2002 20 bp DNA linear PAT 27-AUG-2002 Novel human delta 3 compositions and therapeutic and diagnostic uses therefor.
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Artificial Sequence: Synthesized Oligonuclectide FH Key
Location/Qualifiers.
Location/Qualifiers
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JP 2001327293-A/322
27-NOV-2001
22-MAY.-2000 JP 2000150562
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI
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synthetic construct
artificial sequences.

1 (bases 1 to 20)
Mccarthy, S.A. and Gearing, D.P.
Novel human delta 3 compositions and therapeutic and diagnostic
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PN JP 2001521382-A/6
PN JP 2001521382-A/6
PD 06-NOV-2001
PF 06-APR-1998 JP 1998542892
PR 04-APR-1997 US 08/832633,11-JUN-1997 US 08/8728
SEAN A MCCARTHY, DAVID P GEARING
Description of artificial sequence: primer
FH Key
Location/Qualifiers
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synthetic construct
artificial sequences.

1 (Dases 1 to 20)
Matsushima, K., Hashimoto, S., Suzuki, T. and Nagai, S.
Human matured/activated dendritic cell expression gener
Patent: JP 2001327293-322 27-NOV-2001;
OAPAN SCIENCE AND TECHNOLOGY CORP
OS Artificial Sequence
PN JP 2001327293-A/322
PD 27-NOV-2001
PF 22-MAY-2000 JP 2000150562
PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
Indels
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Pred. No. 8.7e+02;
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MILLENNIUM PHARMACEUTICALS INC
S Artificial Sequence
PN JP 2001521382-A/6
PD 06-NOV-2001
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Artificial Sequence
JP 2001321190-A/1677
20-NOV-2001
120-NOV-2001
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EIICHI SOEDA
CI2N1S/09,C12N1S/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Soeda, E.
A method of arraying genome clone
Patent: JP 2001321190-A 1706 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
Patent: JP 2001321190-A 1677 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                  C12N15/00
Description of Artificial Sequence:Synthetic DNA FH
Location/Qualifiers
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larity 83.3%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 3; Indels
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13.3%; Pred. No. 8.7e+02;
ve 0; Mismatches 3; Indels
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N A method of arraying genome clone.
BD089462
BD089462.1 GI:22635072
JP 2001321190-A/1706.
Synthetic construct
Synthetic construct
artificial sequences.
If (bages 1 to 20)
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UP 2001321190-A/1706
20-NOV-2001
12-MAR-2001 JP 2001068285
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Matches 15; Conservative
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Matches 15; Conserv
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OS Artif
PN JP 20
PD 20-NO
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PI EIICH
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Patent: JP 2001321190-A 416 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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               /organism='Artificial Sequence'.
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    ^organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of arraying genome clone.
BD088172
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JP 2001321190-A/416
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
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JP 201321190-A/416.
Synthetic construct
artificial sequences.
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2 AACAGCAAAACCTCATCT 19
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1 (bases 1 to 20)
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BIICHI SOEDA
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
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Yamaguchi,A., Kikuchi,K. and Nakamura,K.
Microplate fluorescent screening method for gene abnormality enabling convenient and economical treatment of many specimens Patent: WO 0159124-A 9 16-AUG-2001;
SAPPORD INMUNO DIAGNOSTIC LABORATORY,AKIHIRO YAMAGUCHI, KOKICHI KIKUCHI, KENJI NAKAMURA
OS K-ras
PN WO 0159124-A-A-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Microplate fluorescent screening method for gene abnormality enabling convenient and economical treatment of many specimens. BD091489
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Patent: JP 2001321190-A 2075 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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PF 09-FEB-2000 WO 2000JP000693
PI AKHIRO YAMAGUGHI, KOKICHI KIKUCHI, KENJI NAKAMURA PC
C12N15/33, C12Q1/68, G01N33/50
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A method of arraying genome clone.
BD089831
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/mol_type="genomic DNA"
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JP 2001321190-A/2075
20-NOV-2001
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WO 0159124-A/9.
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1 (bases 1 to 20)
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PAT 18-SEP-2002
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Asthma-associated gene
Asthma-associated gene
Detent: JP 2002500895-A 255 15-JAN-2002;
AXYS PHARMACEUTICALS INC
OS Unidentified
PP 21002500895-A/255
PP 15-JAN-1998 JP 2000528715
PP 21-JAN-1998 JP 2000528715
PF 21-JAN-1998 JP 2000528715
PF 3103168, ANDREW MILLER, MICHAEL NORTH
PC C1201/68, ADUK67/027, COTK14/47, C12N15/09, C12N15/00 CC
Strandedness: Single;
CC Asthma-associated gene
PH Key Location/Qualifiers
FT source Location/Qualifiers
FT source Location/Qualifiers
FT F source Location/Qualifiers
FT
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83.3%; Pred. No. 8.7e+02;
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mythetic construct
artificial sequences.
1 (bases 1 to 20)
Sidlanski, D.
Detection of neoplasia by analysis of saliva
Patent: JP 2002505888-A 14 26-FEB-2002;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS JP 2002505888-A/14
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Detection of neoplasia by analysis of saliva.
BD134190
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/organism="unidentified"
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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1 (bases 1 to 20)
1 (bases 1 to 20)
0 liganucleotide for detecting HIV-1 and detection method
Patent: JP 2002125687-A 1 08-MAY-2002;
10SOH CORP
TOSOH CORP
N JP 2002125687-A/1
PD 08-MAY-2002
PF 30-0CT-2000 JP 2000334937
PF TETSUYA ISHIZUKA, TAKAHIKO ISHIGURO, JUICHI SAITO PC
C12N15/09, C12Q1/68, G01N33/58, C12N15/00
CC 0ligonucleotide capable of binding specifically to a specified
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                                                                                                                             Streptococcus pneumoniae
JP 2002504314-A/58
12-FEB-2002
30-DEC-1999 JP 2000526545
31-DEC-1997 US 60/070116
PHILIP YOUNGMAN, CHRISTIAN FRITZ, CHRISTOPHER MURPHY, LUZ MARIA
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               Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
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Location/Qualifiers
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                           Streptococus.

1 (bases 1 to 20)

Youngman, P., Fitz, C., Murphy, C. and Guzman, L.M.
Essential bacterial genes and their use
Patent: JP 2002504314-A 58 12-FEB-2002;

MILLENNIUM PHARMACEUTICALS INC
ON 12-FEB-2002
PN JP 2002504314-A/58
PP 30-DEC-1998 JP 2000526545
PR 31-DEC-1997 US 60/070116
PI PHILIP YOUNGMAN, CHRISTIAN FRITZ, CHRISTOPHER MUP GUZMAN
PC CIZNIS/09, CO7K14/315, CO7K14/32, CO7K16/12, CIZNI
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Essential bacterial genes and their use
Key
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83.3%; Pred. No. 8.7e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD144131.1 GI:27849889
UP 2002125687-A/1.
Synthetic construct
Synthetic construct
 Streptococcus pneumoniae
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1 (bases 1 to 20)
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Best Local Similarity 83.3
Matches 15; Conservative
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/organism='Artificial Sequence'.
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/organism='Artificial Sequence'
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83.3%; Pred. No. 8.7e+02;
cive 0; Mismatches 3; Indels
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Patent: JP 2002505888-A 46 26-FEB-2002;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
ON Artificial Sequence
PN JP 2002505888-A/46
PP 26-FEB-2002
PP 10-MAR-1999 US 09/038637
PR 10-MAR-1999 US 09/038637
PR DAVID SIDLANSKI
PN DAVID SIDLANSKI
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BD134222
BD134222.1 GI:23229167
JP 2025055888-A/46.
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BD140065.1 GI:23235010
JP 2002504314-A/58.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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            10-WAR-1999 UP 2000535774
10-WAR-1998 US 09/036637
DAVID SIDLANSKI
C12N15/09,C12Q1/68,C12N15/00
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and Soeda, E.
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Matches 15; Conserv
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Matches 15; Conserv
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Makao, M., Mizuno, K., Yoshii, J., and Asai, A.

Method for detecting PCR-amplified base sequence and detection kit

Patent: JP 2002176985-A 6 25-JUN-2002,

HITACHI SOFTWARE ENGINERRING CO LTD

OS HEpatitis virus (hepatitis C virus)

PN 2002176985-A/6

PD 25-JUN-2002

PF 14-DEC-2000 JP 2000380465

PI MOTCTADA NARAO, KAISTUYA MIZUNO, JUNJI YOSHII, AKIHIRO ASAI PC

C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/50, G01N33/566, PC
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Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
and Soeda, E.
A BAC-based STS-content map spanning a 35-Mb region of human
chromosome 1p35-p36
genomics 74 (1), 55-70 (2001)
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83.3%; Pred. No. 8.7e+02;
cive 0; Mismatches 3; Indels
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PC C12N15/00, C12N15/00
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/organism="unidentified"
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Synthetic construct DNA, reverse primer for human STS sts-WI-16567
                                                                                                                                                                                                                                                                                                                                               /note="reverse primer for human STS sts-stSG22937 at 1p36 sts-stSG22937 obtained from clones B328M11, Human BAC library RPCI-11"
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/db_xref="taxon:32630"
1. .20
/dto="reverse primer for human STS sts-WI-16567 at 1p36
sts-WI-16567 obtained from clones B233F16, B328M11, Human
BAC library RPCI-11"
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
2 (bases 1 to 20)
Horii,A.
Horiiston
Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Myagi 980-8975, Japan (B-mail:horii&mail.cc.tchoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
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Pred. No. 8.7e+02;
0; Mismatches 3; Indels
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llarity 83.3%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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    .20
    /organism="synthetic construct"

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Genomics 74 (1), 55-70 (2001)
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ilarity 83.3%;
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Synthetic construct DNA, reverse primer for human STS sts. stGDB:455464 at 1p36.
                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
1. 20
/note="reverse primer for human STS sts-A008N23 at 1p36
sts-A008N23 obtained from clones B72P17, B200J11, B200J12,
B73C17, Human BAC library RPCI-11"
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-777-8042, Fax:81-22-717-8047)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           'note="reverse primer for human STS sts-stGDB:455464 at
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Miyagi 980-8575, Japan (E-mail:horil@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Genomics 74 (1), 55-70 (2001)
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                          20 bp DNA linear SYN 21-MAY-2003 forward primer for human STS sts-D1S3701
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Synthetic construct DNA, reverse primer for human STS sts-A008N23
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Katanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horli,A.
and Soeda,E.
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Madicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8047)
Location/Qualifiers
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
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/mol_txpe="taxon:32630"
/db_xref="taxon:32630"
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Genomics 74 (1), 55-70 (2001)
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                                                           Unclassified.

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1 sass, "Odenbreit,S., Meyer,T.F., Blum,A. and Corthesy-Theulaz,I. Adhesin from Helicobacter pylori
Patent: US 6096521-A 5 01-AUG-2000;
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 267 29-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                             0.7%; Score 13; DB 1; Length 15;
100.0%; Pred. No. 6.2e+02;
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Stinchomb, D.T., Draper, K.G. and McSwiggen, J.
Stinchomb, D.T., Draper, R.G. and McSwiggen, J.
Batent: US 5658780-A 318 19-AUG-1997;
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161764
161764.1 GI:2479712
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                                                                                                                                                                    /mol_type="unassigned DNA"

    .15
    /organism="unknown"
    /mol_type="genomic DNA"

                                                                                                                             Location/Qualifiers
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/organism="unknown"
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AR105275
AR105275.1 GI:12818872
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AR241979
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Woolf, \Gamma . Method and reagent for inhibiting the expression of disease related
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Nucleotide sequence 14 from patent number EP0238329.
A03932
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Best Local Similarity 86.7%; Pred. No. 6.8e+02;
Matches 13; Conservative 1; Mismatches 1.
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                  Sequence 3230 from Patent EP1260586.
AX636091
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Patent: EP 0238329-A 14 23-SEP-1987;
IMPERIAL CHEMICAL INDUSTRIES PLC
Location/Qualifiers
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Jeffreys, A.J.
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RESULT 1510

0.7%; Score 13; DB 1; Length 15; 100.0%; Pred. No. 6.2e+02;

Query Match Best Local Similarity

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1478 GGATCCACAAACT 1490
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1 (bases 1 to 17)
Habener, J.F. and Stoffers, D.A.
Compositions and methods for detecting pancreatic disease Patent: US 6274310-A 15 14-AUG-2001;
Location/Qualifiers
                                                                                                                                             Human cholinesterase-type proteins and their production
Patent: BP 020620-A 2 30-DEC-1986;
YEDA RESEARCH AND DEVELOPMENT COMPANY LIMITED
LOCATION/QUALIFIERS
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Sequence 15 from patent US 6274310.
AR164582.1 GI:16237655
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OPSYN Oligonucleotide.
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PP 10-DEC-2002
PP 11-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61R38/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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1 (Dases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: 4P 2002541795-A 1711 10-DEC-2002;
RIBOZYNE PHARMEUTICALS INC
OS EUKATYOTE
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Yang, Y.-S., Tucker, P.W. and Capra, J. Donald.
Construction of recombinant DNA by exonuclease recession
Patent: US 5580759-A 6 03-DEC-1996;
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Sequence 6 from patent US 5580759.
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Query Match 0.7
Best Local Similarity 100.
Matches 13; Conservative
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                                                                        l (bases I to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4302 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

[ (bases 1 to 17)]
PavCo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 7660 12-FEB-2002;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Mcthod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7676 12-FEB-2002;
Location/Qualiflers
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ive 0; Mismatches 0; Indels
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 GI:20234779
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3449 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2069 20-MAY-2003;
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AR326047.
AR326047.1 GI:33711855
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AR326059.1 GI:33711867
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AR324667.1 GI:33710475
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 115 08-FEB-2001,
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 540 02-DEC-2003;
Location/Qualifiers
100.0%; Pred. No. 7.5e+02;
tive 0; Mismatches 0;
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Sequence 115 from Patent WO0109183.
AX081871.1 GI:13170678
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Sequence 10 from Patent WO0159103.
AX214568
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/organism="unknown"
/wol_type="genomic DNA"
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Pavco,P., mcSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions

Fated to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 6704 20-MAY-2003;

Location/Qualifiers
                                                           1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 3461 20-MAY-2003;
Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

Pavo, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127_A 6619 20-MAY-2003;
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Sequence 6819 from patent US 6566127.
AR329417
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Sequence 6704 from patent
AR329302
AR329302.1 GI:33715110
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PAT 29-OCT-2001

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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel 1 (clca.1)
Patent: WO 0211674-A 966 14-FEB-2002;
RIBOZXME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 577 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Hamblin,P.A. Ellis,J.H.
Bethod and reagent for the inhibition of grid
Methot WO 0162911-A 250 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED
Location/Qualifiers
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.00.0%; Pred. No. 7.5e+02;
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                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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AX579128
AX579128.1 GI:27648330
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Best Local Similarity 100.
Matches 13, Conservative
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Best Local Similarity 100.0
Matches 13; Conservative
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AX273008/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                Blatt, L., Mcswiggen, J. and Chowrira, B.M. Method and reagent for the modulation and diagnosis of cd20 and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation and diagnosis of cd20 and
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Patent: WO 0159103-A 10 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: WO 0159103-A 3634 16-AUG-2001;
RIBOZYME PHARMACDUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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100.0%; Pred. No. 7.5e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/nofe="Nucleic Acid"
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Sequence 3634 from Patent WO0159103.
AX218192. GI:15528253
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/db_xref="taxon:32630"
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  AX214568.1 GI:15524611
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synthetic construct
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                                      synthetic construct
synthetic construct
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Best Local Similarity
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AX218192/c
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AUTHORS
TITLE
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PAT 04-APR-2003
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Heinrich, G. and Kerb, R.
Hethors for treatment of cancer using irinotecan based on UGT1A1
Methods for treatment of cancer using irinotecan based on UGT1A1
Patent: WO 03013536-A 355 20-FBB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Patent: WO 03025176-A 4760 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                               DNA
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                                                                                                                                     Sequence 355 from Patent W003013536.
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Homo sapiens
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Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 03013534-A 355 20-PEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                      uery Match 0.7%; Score 13; DB 1; Leest Local Similarity 100.0%; Pred. No. 7.5e+02; atches 13; Conservative 0; Mismatches 0;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 355 from Patent WO03013534.
AX706658
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Homo sapiens
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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1 (bases 1 to 18)
Katinger,H., Rueker,F., Himmler,G., Muster,T., Purtscher,M., Maiwald,G., Steindl,F. and Trkola,A.
Peptides that induce antibodies which neutralize genetically
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100.0%; Pred. No. 7.5e+02;
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                                                                                                                                        Patent: WO 03040369-A 3253 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Human immunodeficiency virus 1
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/mol_type="unassigned DNA"
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Sequence 29 from Patent EP0570357.
A36326
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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       17 bp DNA
Sequence 4748 from Patent WO03025175.
AX733114
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
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Location/Qualifiers
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Matches 13; Conserv
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Christian, P. Daniel.
Recombinant helicoverpa baculoviruses expressing heterologous DNA Patent: US 6180099-A 20 30-JAN-2001;
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(bases 1 to 18)

Ratinger, H., Ruker, F., Himmler, G., Muster, T., Trkola, A.,
Purtscher, M., Maiwald, G. and Steindl, F.
Peptides that induce antibodies which neutralize genetically
divergent HIV-1 isolates
Patent: US 586664-A 29 02-PEB-1999;
Location/Qualifiers
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                           100.0%; Prec. ...
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Sequence 20 from patent US 6180098.
AR126220
AR126220.1 GI:14112813
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/organism="unknown"
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Best Local Similarity 100.0
Matches 13; Conservative
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Best Local Similarity 100.0
Matches 13; Conservative
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Matches 13; Conservative
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(Chases 1 to 18)

Katinger,H., Ruker,F., Himmler,G., Muster,T., Trkola,A.,
Purtscher,M., Maiwald,G. and Steindl,F.
Peptides that induce antibodies which neutralize genetically
divergent HIV-1 isolates
Patent: US 575664A, A 29 26-MAY-1998;
Location/Qualifiers
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                                                                                                                                                  /organism="Human immunodeficiency virus 1"
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100.0%; Pred. No. 8.2e+02;
ive 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.2e+02;
iive 0; Mismatches 0; Indels
divergent HIV-1 isolates
Patent: EP 0570357-A 29 18-NOV-1993;
KATINGER HERMANN W D (AT)
Other publication QP 6293797 941021
Other publication CA 2096159 931115
Other publication BS 270357F 940728
Other publication ES 2053413T 940801.
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Sequence 248 from Patent WO9740193.
A67081.1 GI:4538452
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Sequence 29 from patent US 5756674.
AR009963
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Query Match 0.7%; Score 13; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 8.2e+02; Matches 13; Conservative 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
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Reichwald,K.
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Peptides that induce antibodies which neutralize genetically divergent HIV-1 isolates
Patent: US 5693752-A 29 02-DEC-1997;
Location/Qualifiers
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Patent: WO 2003104489-A 112 18-DEC-2003;
Philipps-Universitat Marburg (DE)
Location/Qualifiers
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/noTe="primer B9f"
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1 (bases 1 to 18)

Stuyer, L., Rossau, R. and Maertens, G. Method for typing and detecting HBV Patent: US 6709812-A 248 23-MAR-2004;

Location/Qualifiers
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Sequence 248 from patent US 6709812.
AR488583
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178468
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    CQ758988.1 GI:44848992
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artificial sequences.
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         PAT 01-MAR-2004
                                                                                                                                                                          Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and
Reichwald,K.
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                                                                                                                                                                                                            Mchrl variant associated with human obesity
Patent: WO 200310489-A 136 18-DEC-2003;
Philipps-Universitate Marburg (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="pximer H2r"
Sequence 136 from Patent WO2003104489.
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Hayashizaki,Y.
Method of DNA sequencing
Patent: US 6365360-A 33 02-APR-2002;
Location/Qualifiers
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Sequence 33 from patent US 6365350.
AR202978.1 GI:21499245
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/wol_type="unassigned DNA"
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PAT 29-SEP-1999
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1 (bases 1 to 20)

Kaiser, M.W., Lyamichev, V.I. and Lyamichev, N.
Cleavage of nucleic acid acid using thermostable methoanococcus jannaschii FEN-1 endonucleases
Patent: US 5843669-A 164 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.
1 (Dasss I to 20)
Baracchini, E. Ur. and Bennett, C.Frank.
Oligonucleotide modulation of multidrug resistance-associated
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100.0%; Pred. No. 9.5e+02;
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Antisense oligonucleotide modulation of multidrug
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100.0%; Pred. No. 9.5e+02;
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Patent: US 5807838-A 15 15-SEP-1998;
Location/Qualifiers
               resistance-associated protein
Patent: US 5801154-A 15 01-SEP-1998;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                           /organism="unknown"
/wol_type="unassigned DNA"
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                PAT 15-MAY-2001
                                                                                                                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                          Robbins, J.M. and {\tt Tritz,R}. Ribozyme therapy for the treatment of proliferative skin and eye
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Henderson, D.Robert. and Schuur, E.Rodolph.
Henderson, D.Robert and Schuur, E.Rodolph.
Hissue specific and tumor growth supperssion by adenovirus comprising proceate specific antigen
Patent: US 5871726-A 27 16-FEB-1999;
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Baracchini, E., Bennett, C.Frank. and Dean, N.M.
                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk1 ribozyme binding site"
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Pred. No. 8.9e+02;
0; Mismatches 0;
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Patent: WO 0130362-A 19 03-MAY-2001;
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Sequence 27 from patent US 5871726.
AR035106
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 15 from patent US 5801154.
AR037340
          19 bp
Sequence 19 from Patent W00130362.
AX128801
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/organism="Homo sapiens"
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Location/Qualifiers
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                                                               AX128801.1 GI:14135106
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                                                                                             Homo sapiens (human)
Homo sapiens
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Bergeron, M. G., Picard, F.J., Ouellette, M. and Roy, P.H.
Bergeron, M. G., Picard, F.J., Ouellette, M. and Roy, P.H.
Species-specific and universal DNA probes and amplification primers
to rapidly detect and identify common bacterial pathogens and
associated antibiotic resistance genes from clinical specimens for
routine diagnosis in microbiology laboratories
Patent: US 5994066-A 199 30-NOV-1999;
                                                    PAT 07-SEP-2000
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Hall,J.G., Lyamichev,V.I., Mast,A.L. and Brow,M.Ann.D.
Detection of nucleic acids by multiple sequential invasive
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0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 9.5e+02;

Matches 13; Conservative 0; Mismatches 0; Indels
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                                               Sequence 199 from patent US 5994066. AR089440
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Patent: US 5994069-A 62 30-NOV-1999;
Location/Qualifiers
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/organism="unknown"
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Sequence 66 from patent US 6077833.
AR099539
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Bennett, C.Frank. and Vickers, T.A.
Oligomuclectide compositions and methods for the modulation of the expression of B7 protein
Patent: US 6077833-A 66_20-JUN-2000;
Location/Qualifiers
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.
Antisense oligonucleotide modulation of tumor necrosis
factor.alpha. (TNF-alpha.) expression
Patent: US 6080580-A 80 27-JUN-2000;
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Unclass 1 to 20)
Cohen,I.R. and Elias,D.
Peptides and pharmaceutical compositions comprising them
Patent: US 6096314-A 9 01-AUG-2000;
Location/Qualifiers
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Sequence 80 from patent US 6080580.
AR100349.1 GI:12810797

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BD223619 20 bp DNA linear PAT 17-JUL-2003 Mutations in and genomic structure of HERG - a long QT syndrome
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BD223619.1 GI:33033389
BD22365-A/45.
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)
Keating,M.T. and Splawski,I.
Mutations in and genomic structure of HERG - a long QT syndrome
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A method of arraying genome clone
L Patent: WO 02072815-A 47 19-SEP-2002;
EIICHI SOEDA,TARESHI KUKITA
OS Artificial Sequence
N WO 02072815-A/47
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139
PF 17-MAY-2001 WO 2001JP004139
PF 17-MAY-2001 WO 2001JP004139
PF 17-MAY-2001 WO 2001JP004139
PF 17-MAY-2001 WO 2001JP004139
PF CI2N15/09,C12Q1/68
CC Description of Artificial Sequence: Synthetic DNA FH
Location/Qualifiers
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100.0%; Pred. No. 9.5e+02;
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Patent: JP 2002521065-A 45 16-JUL-2002;
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A method of arraying genome clone.
BD176247 BD176247.1 G1:29121953
WO 02072815-A/47.
Synthetic construct
synthetic construct
artificial sequences.

I (bases 1 to 20)
JOURNAL Patent: US 6319906-A 66 20-NOV-2001;
               Location/Qualifiers
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Unclassified.
Unclassified.

1 (bases 1 to 20)

Bennett,(C.Frank. and Vickers,T.A.
Oligomucleotide compositions and methods for the modulation of the expression of B7 protein
                                                                   PAT 16-JUN-2001
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor-(.alpha.) (FTME-.alpha.) expression
Patent: US 6228642-A 80 08-MAY-2001;
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Sequence 66 from patent US 6319906.
AR178820
AR178820.1 GI:20219958
                                                            Sequence 47 from patent US 6207383.
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Sequence 80 from patent US 6228642.
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tive 0; Mismatches 0; Indels
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G01N33/574,A61K37/02
Description of Artificial Sequence: primer
Location/Qualifiers
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100.0%; Pred. No. 9.5e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
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Location/Qualifiers
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Sequence 15 from patent US 5510239,
119634.1 GI:1599989
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BD261551.1 GI:33071319
JP 2002540814-A/7.
synthetic construct
artificial sequences.
1 (bases 1 to 20)
                                                                    1222 GIGGAGGAACAGC 1234
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Matches 13; Conservative
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A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
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            OS HOMO sapiens (human)
PN JP 2002521065-A/45
PD 16-JUL-2002
PD 20-JUL-1999 JP 2000562554
PR 27-JUL-1999 US 09/226012 PI
MARK T KEATING, IGOR SPLAWSKI
PC C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19,
C12N1/21,
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synchetic construct
artificial sequences.

E 1 (bases 1 to 20)
S Baker, B.F., Bennett, F.C., Butler, M.M. and Jr, W.J.S.
Antisense olionucleotide regulation of expression of tumor necrosis factor-alpha (TWF-alpha)
L Patent: JP 2002526125-A 80 20-AUG-2002;
ISIS PHARWACEUTICALS INC
OS Artificial Sequence
PN JP 200256125-A/80
PD 200206125-A/80
PD 200207-1999 US 2000574737
PR 05-OCT-1999 US 09/166186,18-MAY-1999 US 09/313932 PI
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PN JP 2002526125-A/80
PD 20-AUG-2002
PP 20-AUG-2002
PP 05-OCT-1999 JP 2000574737
PR 05-OCT-1999 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BARER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANDAN JR 00, A61X31/7115, A61X31/7125, A61X48/00, A61
PC 01, A61P1/16,
PC AG1P1/18, A61P3/10, A61P17/00, A61P17/04, A61P29/00, A61P31/00,
PC CO7H21/02,
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Antisense oligonucleotide regulation of expression of tumor
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 UNIVERSITY OF UTAH RESEARCH FOUNDATION
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JP 2002526125-A/80.
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Su, S.L.

Methods for the diagnosis and treatment of metastatic prostate
Patent: JP 2002540814-A 7 03-DEC-2002;

NORTHWEST BIOTHERAPEUTICS INC
OS Artificial Sequence
PN JP 20025440814-A/7

PP 13-APR-1999 JP 2000611075

PF 13-APR-1999 JP 2000611075

PC C12Q1/68,A61K31/713,A61K35/14,A61K35/76,A61K38/00,A61K39/395,
PC A61K39/395,
PC A61K38/00,A61P35/04,A61P43/00,C12Q1/04,G01N33/15,G01N33/50, PC 0 0 PAT 17-JUL-2003 PAT 07-0CT-1996 BD261551 20 bp DNA linear PAT 17-JUL. Methods for the diagnosis and treatment of metastatic prostate Gaps Unclassified.

1 (bases 1 to 20)
Baracchini, E. Jr. and Bennett, C.F.
Oligonucleotide modulation of multidrug resistance-associated protein Gaps . ; 0

0;

Gaps

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PAT 10-APR-2003

linear

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1 (bases 1 to 20)
MacLeod,A.R.
Optimized antisense oligonucleotides complementary to DNA methyltransferase sequences
Patent: 14-JAN-2003;
Location/Qualifiers
                                                                                                                                                                            0.7%; Score 13; DB 1; Length 20; 100.0%; Pred. No. 9.5e+02; tive 0; Mismatches 0; Indels
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AR275067
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Unclassified.
1 (bases 1 to 20)
Popoff,I. and Wyatt,J.
Antisense modulation of damage-specific DNA binding protein 2, p48
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            0.7%; Score 13; DB 1; Length 20;
100.0%; Pred. No. 9.5e+02;
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illarity 100.0%; Pred. No. 9.5e+02;
Conservative 0; Mismatches 0; Indels
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Unclassified.
Unclassified.
1 [bases 1 to 20)
Henderson, D. Robert. and Schuur, B.Rodolph.
Tissue specific viral vectors
L. Patent: US 5698443.A il 16-DEC-1997;
Location/Qualifiers
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100.0%; Pred. No. 9.5e+02;
tive 0; Mismatches 0;
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Patent: US 6379960-A 19 30-APR-2002,
Location/Qualifiers
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Sequence 11 from patent US 5698443.
185754 GI:3205472
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Sequence 19 from patent US 6379960.
AR208101. GI:21508030
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Unclassified.
Unclassified.
Unclassified.
MacLeod,A.R.
Optimized antisense oligonucleotides complementary to DNA methyltransferase sequences
methyltransferase sequences
Patent: US 6506/35-A 15 14-JAN-2003;
Location/Qualifiers
1 (bases 1 to 20) MacLeod, A.R. Optimized antisense oligonucleotides complementary to DNA
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Sequence 15 from patent US 6506735.
AR275074.1 GI:29708003
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Patent: US 6506735-A 8 14-JAN-2003;
Location/Qualifiers
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Gaps

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PAT 17-AUG-2003
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           Unclassified.
Unclassified.
1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankfrais,R., Botscher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6552294-A 3023 06-MAY-2003;
Location/Qualifiers
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Ma,W.-P., Lyamichev, V.I., Kaiser, M.W., Lyamicheva, N.E.,
Allawi, H.T., Schaefer, J.J. and Neri, B.P.
Enzymes for the detection of nucleic acid sequences
Patent: US 6635463-A 52 21-OCT-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 20)
Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
FEN-1 endonucleases, mixtures and cleavage methods
Patent: US 6562611-A 103 13-MAY-2003;
                                                                                                                                                                                     0.7%; Score 13; DB 1; Length 20;
.00.0%; Pred. No. 9.5e+02;
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.00.0%; Pred. No. 9.5e+02;
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Sequence 52 from patent US 6635463.
AR410404
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AR317091/c
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AR410404/c
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Unclassified.
Unclassified.
1 (bases 1 to 20)
Griffais.R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 3020 06-MAY-2003;
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Raiser, M.W., Lyamichev, V.I. and Lyamicheva, N.
FEN-1 endonuclease, mixtures and cleavage methods
Patent: US 6555357-A 103 29-APR-2003;
Location/Qualifiers
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/wol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 13; Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 62 from patent US 6692917.
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Sequence 56 from Patent W09937764.
AX020042.1 GI:10043871
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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AR474713.1 GI:42713850
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Keith, T., Idttle, R., Van Berdewegh, P., Dupuis, J., Del Mastro, R., Simon, J., Allen, K. and Pandit, S.

Human gene relating to respiratory diseases and obesity

Patent: US 6683165-A 70 27-JAN-2004;

Location/Qualifiers
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100.0%; Pred. No. 9.5e+02;
tive 0; Mismatches 0;
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Henderson,D.R. and Schuur,B.R.
Tissue specific adenoviral vectors
Patent: US 6676935-A 33 13-JAN-2004;
Location/Qualifiers
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Sequence 117 from patent US 6683165.
AR455120.
AR455120.1 GI:42689641
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Sequence 33 from patent US 6676935.
AR451712.1 GI:42682827
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Sequence 70 from patent US 6683165.
AR455073.1 GI:42689594
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/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Neri, B.P., Hall, J.G., Lyamichev, V. and Smith, L.M.
Systems and methods for invasive cleavage reaction on dendrimers
Patent: US 6692917-A 62 17-FEB-2004;
Location/Qualifiers
Keith, T., Little, R., Van Eerdewegh, P., Dupuis, J., Del Mastro, R., Simon, J., Allen, K. and Pandit, S. Human gene relating to respiratory diseases and obesity Patent: US 6683165-A 117 27-JAN-2004;
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New members of the glypican gene family
Patent: WO 9937764-A.56 29-JUL-1999,
VEUGELERS MARK PAUL DITTMAR (BB); VLAAMS INTERUNIV INST BIOTECH
(BE); DAVID GUIDO JOSEPH FRANS (BE)
Location/Qualifiers
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PAT 07-JAN-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Novel human gene relating to respiratory diseases, obesity, and inflammatory bowel disease Patent: WO 0178894—A 81 25-OCT-2001; Genome Therapeutics Corp. (US) Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nole="Primer"
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Sequence 176 from Patent WO0178894.
AX326980.1 GI:18097691
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Sequence 81 from Patent WO0178894.
AX326885
               AX317252.1 GI:17900236
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Method of designing addressable array for detection of nucleic acid
sequence differences using ligase detection reaction
Patent: WO 0179548-A 7997.
CORNELL RESERREH FOUNDATION, INC. (US)
Location/Qualifiers
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Cold-adapted equine influenza viruses
Patent: WO 0160849-A 92 23-AUG-2001;
UNIV. OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
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/mol_type="unassigned DNA"
/db xref="taxon:22630"
/note="Hypothetical Probe Sequence"
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/mol type="unassigned DNA"
/mol type="taxon:32630"
/nofe="Synthetic Primer"
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Sequence 7997 from Patent WO0179548.
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Modulation of gene expression by combination therapy
Patent: EP 194389-4 11 25-SEP-2002;
Methylgene, Inc. (CA)
Location/Qualifiers
0.7%; Score 13; DB 1; Length 20; 100.0%; Pred. No. 9.5e+02; tive 0; Mismatches 0; Indels
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Patent: WO 102070755-A 62 12-SEP-2002;
Third Wave Technologies, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
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AX555466
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Sequence 11 from Patent EP1243289.
AX546352
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales;
Enterobacteriaceae; Escherichia.
   Novel human gene relating to respiratory diseases, obesity, and
                                                                                                                                                                                                                       Gaps
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Patent: WO 2053/71-A 19 11-UL-2002;
BIOTECON DIAGNOSTICS GMBH (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination therapy Patent: BP 143190-A 11 25-SEP-2002; Methylgene, Inc. (CA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.7%; Score 13; DB 1; Length 20; 86.7%; Pred. No. 9.5e+02; tive 1; Mismatches 1; Indels
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/mol_type="unassigned DNA"
/mol_type="unassigned"
/note="oligonucleotide"
                                                                                                 /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol xref="taxon:32630"
/nofe="primer"
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/organism="Escherichia coli"
/mol_type="unassigned DNA"
/db_xref="taxon:562"
                    inflammatory bowel disease
Patent: WO 0178894-A 176 25-OCT-2001;
Genome Therapeutics Corp. (US)
                                                                                                                                                                                                                                                                                                                                                                 AX469902 20 bp I Sequence 19 from Patent WO02053771. AX469902
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Sequence 11 from Patent EP1243290.
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Escherichia coli
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PAT 27-AUG-2002

linear

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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
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(E 1 (bases 1 to 20)

RS Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.

RS Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.

RS Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.

REMY-1 endomucleases, mixtures and cleavage methods

Attificial Sequence

No Attificial Sequence

No Attificial Sequence

PR 26-NOV-1997 UP 1998524043

PR 29-NOV-1997 UP 1998524043

PR 29-NOV-1996 US 08/758314 P.

MICHAEL W KAISER, VICTOR I LYAMICHEV,NATASHA LYAMICHEVA PC

C1201/34, C1201/44, C1201/68, C12P19/34, C12N15/09, C12N1/20 PC

C1201/34, C1201/64, C1
                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: JP 2001321190-A 2413 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECHS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description of Artificial Sequence: Synthetic DNA FH
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FEN-1 endonucleases, mixtures and cleavage methods.
BD095884
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100.0%; Pred. No. 9.5e+02;
iive 0; Mismatches 0; Indels
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/organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                                                                            30 bp
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20-NOV-2001
12-MAR-2001 JP 2001068285
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S Bergeron, M. J., Picard, F.G., Weretto, M. and Roy, P. H.
Species-specific, genue-specific and universal probes and primers
for quickly detecting and identifying common bacterial and fungal
pathogens and relating antibiotic tolerance genes from clinical
specimens for diagnosis in microbiological laboratory
INFECTIO DIAGNOSTICS INC
PN JP 2001504330-A 45 03-APR-2001;
INFECTIO DIAGNOSTICS INC
PN JP 2001504330-A/45
PP 04-NOV-1995 US 08/743637
PR 04-NOV-1995 US 08/743637
PR MICHEL JU BERGERON, FRANCOIS G PICARD, MARC WERETTO, PAUL H ROY
PC 01115/09, C12N1/21, C12Q1/68/(C12Q1/68, C12R1:01), (C12Q1/68, PC
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Patent: WO 02092851-A 311 21-NOV-2002;
ANIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)
Location/Qualifiers
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Pred. No. 9.5e+02;
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    .20
    /organism="Streptococcus salivarius"

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Pred. No. 9.5e+02;
0; Mismatches 0;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 311 from Patent WO02092851
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/db xref="taxon:1304"
                                                                                                                                                                                                                     Binns, M.M. and Swinburne, J.E.
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1 Similarity 100.0%; Pr
13; Conservative 0;
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JP 2001504330-A/45.
Streptococcus salivarius
Streptococcus salivarius
                                                        AX601216.1 GI:28401299
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Strandedness: Single;
CC Topology: Linear;
FH Key I
                                                                                                       synthetic construct
synthetic construct
artificial sequences.
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RESULT 1590

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NOITINITE

SOURCE ORGANISM

ACCESSION VERSION KEYWORDS AUTHORS TITLE

JOURNAL

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source

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REFERENCE AUTHORS JOURNAL

DEFINITION

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PAT 27-AUG-2002

08/758314 PI

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Key

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BD130669 20 bp DNA linear PAT 18-SEP-2002 Optimized antisense oligonucleotide complementary to DNA methyltransferase sequence.
BD130669 BD130669 1 GI:23225614
JP 2002502602-A/15.
                                                                                                                           JP 2002502602-A/8
29-JAN-2002
03-JAN-2002
03-JEB-1999 JP 2000530600
03-FBB-1999 US 09/018034
ROBERT A MACLEOD
CIZNIS/09,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,C12Q1/68,C12N15/09,A61L319/00
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C12N15/00
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L Patent: JP 2002502602-A 15 29-JAN-2002;
METHYLGENE INC
OS UNKNOWN
PN JP 2002502602-A/15
PD 39-JAN-2002
PF 03-FEB-1999 JP 2000530600
PR 03-FEB-1999 US 09/018034
PI ROBERT A MACLEOD
PC C12N15/09, A61K31/7088, A61K48/00, A61P35/00, C07H21/00, C12(PC C12N15/00)
PC C12N15/00
CC oligonucleotides complementary to DNA MeTase RNA FH K
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Optimized antisense oligonucleotide complementary to DNA
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Location/Qualifiers
                      methyltransferase sequence
Patent: JP 2002502602-A 8 29-JAN-2002;
METHYLGENE INC
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PN JP 2002502602-A/8
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organism='Artificial Sequence'.
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Patent: JP 2002502602-A 1 29-JAN-2002;
METHYLGENE INC
OS UNKNOWN
PN JP 2002502602-A/1
PP 29-JAN-2002
PR 03-FEB-1999 JP 2000530600
PR 03-FEB-1999 US 09/018034
PI ROBERT A MACLEOD
PC C12N15/09, AGIK31/7088, AGIK48/00, AGIF
PC C12N15/09 CC Target for oligonuclectides compleme

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                         Location/Qualifiers
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BD130662.1 GI:23225607
JP 2002502602-A/8.
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1 (bases 1 to 20)
Macleod, R.A.
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Macleod, R.A.
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1 (bases 1 to 16)
Barnes, S.R., Chojecki, A.J.S. and Daly, A.
                                       Patent: EP 0337625-A 3 18-OCT-1989;
IMPERIAL CHEMICAL INDUSTRIES PLC
LOCATION/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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O.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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                                                        linear
                                                                                                                                                                                                 Gleave, M.E., Rocchi, P. and Signaevsky, M. Compositions for treatment of prostate and Patent: WO 2004030660-A 2 IS-APR-2004; The University of British Columbia (CA) Location/Qualifiers
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                                                Sequence 2 from Patent WO2004030660.
CQ799904.1 GI:46848851
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Jeffreys, A.J.
Improvements in genetic probes
Patent: EP 0238329-A 2 23-SEP-1987;
IMPERIAL CHEMICAL INDUSTRIES PLC
LOCATION/Qualifiers
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artificial sequences.
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A13622
A13622.1 GI:491702
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Best Local Similarity
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  Length 16;
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unidentified
unclassified
unclassified
1 (bases 1 to 16)
3 Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 1364 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATCHT: WO 9833904-A 1666 06-AUG-1998,
BIOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
Location/Qualifiers
ch 0.7%; Score 12.8; DB 1; 1. Similarity 87.5%; Pred. No. 7.5e+02; 14; Conservative 0; Mismatches 2;
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Sequence 1364 from Patent W09833904.
A89216
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/db xref="taxon:32644"
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PAT 20-FEB-2004
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87.5%; Pred. No. 7.5e+02;
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Patent: US 6691568-A 60 17-FEB-2004;
Location/Qualifiers
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Patent: US 6691568-A 23 17-FEB-2004;
Location/Qualifiers
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Sequence 23 from patent US 6692954.
AR475488.1 GI:42714971
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AR474424
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Sequence 60 from patent US 6691568.
AR474461
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                                                            1534 CAAAAGGAGGCCAGCC 1549
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              Best Local Similarity 87.5%
Matches 14; Conservative
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1 (bases 1 to 16)
Akamatsu,M.
                                                                                                                                                                                                                                                                          Unclassified.
1 (bases 1 to 16)
Akamatsu, M.
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AJINOMOTO CO INC

OS Artificial gene

OC Artificial sequence; Genes.

PD 16-DEC-1991;

PD 16-DEC-1991

PD 190245844

PR 07-EBB-1990 UP 90P 26076

PC COTXT/10, CO7H21/04, CO7T/08, C12N15/11, C12Q1/68, G01N33/50, PC

G01N33/53;

CC topology: Linear;

CC topology: Linear;

CC anti-sense: No;
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Detera-Wadleigh, S.D., Yoshikawa, T., Sanders, A.R. and Esterling, L.E.
Polynucleotides encoding IMP.18p myo-inositol monophosphatase and
methods of detecting said polynucleotides
Patent: US 6458532-A 72 01-OCT-2002;
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                                                                                                                                                                                                                                                                             artificial sequences.
I to also 1 to 10.
Miwa, K., Shirae, H., Suzuki, M. and Takahashi, T.
REMEDY FOR JAPANESE CRYPIMERIA POLLINOSIS AND DIAGNOSTIC DNA PROBE
                                                                                                                                         DNA linear PAT 29-SEI DNA linear PAT 29-SEI antigen HAL-DQ beta.
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    forganism="synthetic construct"
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|db_xref="taxon:32630"

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Sequence 72 from patent US 6458532.
AR233443. GI:27276034
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/mol_type="genomic DNA"
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                                                  218 GCCTGGATGAGAGTGG 233
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synthetic construct
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                    14; Conservative
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Unclassified.
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AX268360.1 GI:16541578
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AX268360/c
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Mycobacterium tuberculosis
Batteria, Actinobacteria; Actinobacteridae; Actinomycetales;
Corymebacterinae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
              1 (bases 1 to 16)
Ghazal, P. and Huang, H.
Generation of human cytomegalovirus yeast artificial chromosome
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.
1 (bases 1 to 16)
Ghazal,P. and Huang,H.
Generation of human cytomegalovirus yeast artificial chromosome
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Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 29 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP); System Research Incorporation (JP)
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2; Indels
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Patent: US 6692954-A 60 17-FEB-2004;
Location/Qualifiers
                                                                         Patent: US 6692954-A 23 17-FEB-2004;
Location/Qualifiers
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/db_xref="taxon:1773"
/note="capture"
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Sequence 29 from Patent EP1076099.
AX139181
                                                                                                                                           /mol_type="genomic DNA"
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/organism="unknown"
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/organism="unknown"
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Best Local Similarity 87.5
Matches 14; Conservative
Unclassified.
                                                            recombinants
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      Length 16;
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87.5%; Pred. No. 7.5e+02;
ive 0; Mismatches 2; Indels
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/mol type="unassigned DNA"
/mol type="unassigned DNA"
/note="taxon:32630"
/note="Beschreibung der kunstlichen
Sequenz:Restriktionsschnittstelle Sfi D"
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/db_xref="taxon:32630"
/note="Beschreibung der kunstlichen
Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
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Ingenium Pharmaceuticals AG (DE)
Location/Qualifiers
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Sequence 8 from Patent WO0175127.
AXZ68359.1 GI:16541577
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Location/Qualifiers
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PAT 27-AUG-2002
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Mycobacterium tuberculosis
Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Bacteria; Actinobacteria; Actinobacterium; Mycobacterium
Corymebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.

1 (bases 1 to 16)
Suzuki,S., Nishida,M. and Takenishi,S.
Diagnosis kit of tubercle bacillus
Patent: JP 2001103981-A 29 17-ARR-2001;
NISSHINBO IND INC, SYSTEM RESEARCH CO LID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OS Mycobacterium tuberculosis
PN JP 2001103981-A/29
PD 17-ARR-2001
PP 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI, MICHIO NISHIDA, SOICHIRO TAKENISHI PC C12N15/09, C12N15/09, C12Q1/68, C12R1:325), (C12Q1/68, C12R1:325), (C12Q1/68, C12R1:325), (C12Q1/68, C12R1:325), C12N15/00, C12N15/00, CC
                                                                                                                   Generation of human cytomegalovirus yeast artificial chromosome recombinants
Patent: WO 0257437-A 60 25-JUL-2002;
The Scripps Research Institute (US)
Location/Qualifiers
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0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
             Human herpesvirus 5
Human herpesvirus 5
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
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    forganism="Mycobacterium tuberculosis"
|mol type="genomic DNA"
|db_xref="taxon:1773"

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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2;
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/organism="Human herpesvirus 5"
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BD013465
BD013465. GI:22553779
                                                                     Betaherpesvirinae, Cytomegalovirus
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Best Local Similarity
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                                                                                          PAT 29-MAY-2003
                                                                                                                                                                                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Generation of human cytomegalovirus yeast artificial chromosome
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Human herpesvirus 5
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Betaherpesvirinae; Cytomegalovirus.
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37.5%; Pred. No. 7.5e+02;
ve 0; Mismatches 2; Indels
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Pred. No. 7.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:10359"
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Patent: WO 02057437-A 23 25-JUL-2002;
The Scripps Research Institute (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 23 from Patent W002057437.
AX686146
                                                                                            AX571848 16 bp Sequence 7 from Patent WO02077274.
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AX571848.1 GI:26003982
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atches 14; Conserv
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168 Ribosomal RNA nucleotide fragments from coryne-bacteria, probes and primers derived therefrom, reagent and method for detection Patent: EP 0745691-A 28 04-DEC-1996;
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/organism="synthetic construct"
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                                                                                                                             DNA
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Location/Qualifiers
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Other publication CA 2175515 961104
Location/Qualifiers
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A58019
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Synthetic HLA DR typing probe.
A33185
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     218 GCCTGGATGAGAGTGG 233
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synthetic construct
artificial sequences.
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                                    16 GCCTGTTTGAGAGTGG 1
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TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 1666 07-AUG-2001;
BICGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKnown
PN JP 2001511000-A/1666
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 971015"
PI KARL HERMANN SCH"
CC PT CZ 2015/11
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S Schlingenselpen,K.H. and Brysch,W.
S Schlingenselpen,K.H. and Brysch,W.
S An antisense oligonucleotide preparation method
D Patent: JP 2001511000-A 1364 07-AUG-2001,
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
DN JP 2001511000-A/1364
PP 07-AUG-2001
PF 30-JAN-1999 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI SARL HERMANN SCHLINGENSIEDEN, WOLFGANG BRYSCH
PC CLANIS/11,COTHZ1/04,A61KZ1/70
CC An antisense oligonucleotide preparation method FH Ke
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KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07421/04, AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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07-AUG-2001
31-0JAN-1998 JP 1998532533
31-0JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C70721/04, A61K31/70
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An antisense oligonucleotide preparation method
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Location/Qualifiers

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                  BD066729.1 GI:22612332 JP 2001511000-A/1364.
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Unclassified.
1 (bases 1 to 17)
Allibert, P.Andre., Cros, P., Mach, B. Francois., Mandrand, B. Fabien.
Allibert, P. Andre., Cros, P., Mach, B. Francois., Mandrand, B. Fabien.
and Tiercy, J.-M.
System of probes enabling HLA-DR typing to be performed, and typing method using said probes
method using said probes
Patent: US 5976789-A 14 02-NOV-1999;
Patent: US 5976789-A 14 02-NOV-1999;
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1973 17-NOV-1998;
Location/Qualifiers
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37.5%; Pred. No. 8.3e+02;
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AR057769.1 GI:5983346
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Sequence 14 from patent US 5976789.
AR082801
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Sequence 8 from patent US 6071717.
AR097331
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1 (bases 1 to 17)

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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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                                                               1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1337 06-OCT-1998;
Location/Qualifiers
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1675 17-NOV-1998;
Location/Qualifiers
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US 5837542.
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR057471
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PAT 16-MAY-2001

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Unclassified.
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3 (braper, K.G.
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1973 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                         Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1692 17-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                        Unclassified.
1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 8.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.3e+02;
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                                                                                                                                                   Sequence 1692 from patent US 6132967.
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        Mismatches
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Sequence 29 from patent US 6153595.
AR120025.1 GI:14102724
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AR120025/c
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              Unclassified.
1 (Dases 1 to 17)
Klinger,K., Burn,T., Comors,T., Dackowski,W., Germino,G., Qian,F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 17)
Klinger,K., Burn,T., Connors,T., Dackowski,W., Germino,G., Qian,F. and Landes,G.
Polycystic kidney disease gene and protein
Patent: US 6071717-A 57 06-UN-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1675 17-OCT-2000;
Location/Qualifiers
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                                                             and Landes, G.
Polycystic kidney disease gene and protein
Patent: US 6071717-A 8 06-UNN-2000;
Location/Qualifiers
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AR097349.1 GI:12806079
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1 CTTTGACAAGCACATC 16
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AR115229
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BD203081.1 GI:33012851
JP 2002509721-A/6107.
Homo sapiens (human)
Homo sapiens
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                                                                                          BD201267.1 GI:33011037
JP 2002509721-A/4293.
Homo sapiens (human)
Homo sapiens
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JP 2002509721-A/698
02-ARR-2002
24-MR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                        Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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I (bases I to 17.
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 698 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CWV infections Patent: US 6153595-A 29 28-NOV-2000;
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                                                                                                                                                                              /mol_type="unassigned DNA"
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JP 2002509721-A/698.
Homo sapiens (human)
Homo sapiens
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Educations, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Educations Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)

1 (Dases 1 to 17)

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

L Patent: JP 2002509721-A 4293 02-APR-2002;
RIBOZYME PHARMACHICALS INC

OS Homo sapiens (human)

PR 24-MR-1999 JP 2000541291

PR 24-MR-1999 W 2000541291

PR 27-MRR-1999 W 2000541291
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17 2002509721-A/4293
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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I bases 1 to 17)

Pavco, P.A., Roberts, Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6107 02-APR-2002; RIBOZYME PHARMACHOTICALS INC

S Homo sapiens (human)

PD 02-APR-2002

PD 02-APR-2002

PD 02-APR-2002

PD 02-APR-2009
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PC A61K37
PC (C12N5
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
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PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
PC
C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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OS BUKARYOLD INC.

PN JP 2002541795-A/2636

PD 10-DEC-2002

PF 11-APR-1099 US 60/129390

PI LAWRENCE BLAIT, MICHAEL ZWICK, PAWELA PAVCO, JAMES MCSWIGGEN FC CL2N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, CL2N5/10, PC CL2P21/02,
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Battlin of repressor genes using nucleic acid molecules
Patent: 4P 2002541795-A 2636 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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JP 2002541795-A/2636.
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Regulation of repressor genes using nucleic acid molecules.
BD256612.
BD256612.
JP 2002541795-A/4405.
Unidentified
Unclassified.
1 (bases 1 to 17)
BJatt, L., Zwick,M., Pavco,P. and Mcswiggen,J.
BRGUlation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4405 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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(C12N5/00,C12R1:91)
Regulation of repressor genes using nucleic acid molecules FH
Location/Qualifiers
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JP 2002541795-A/4405
JP 20025417095-A/4405
11-APR-2000 JP 2000611654
12-APR-1999 US 60/129390
LAWRENCE BLAIT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
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PN JP 2002541795-A/2981

PD 10-DEC-2002

PP 11-APR-2000

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT MICHAEL ZWICK, PAWELA PAVCO, JAMES MCSWIGGEN 1907

C12N15/09, A61K38/00, A61K48/00, A61P43/00, C12N5/10, PC PC

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17 bp DNA linear PAT 17-JUL-2003
Regulation of repressor genes using nucleic acid molecules.
BD257061
BD257061.1 GI:33066831
JP 2002541795-A/4854.
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Regulation of repressor genes using nucleic acid molecules.
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PF 11-APR-1999 US 60/129390
PR 12-APR-1999 US 60/129390
PR 12-APR-1999 US 60/129390
CL2NIS/109, A61K38/00, A61K48/00, A61F43/00, A61F43/00, PC
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PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/12930
PT LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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1 (bases 1 to 17)

1 Blatt, L. Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic acid molecules Patent: JP 2002541795-A 4854 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC
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ve 0; Mismatches 2; Indels
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PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PF 12-APR-1999 US 66/129390

PI LAWRENCE BLATT, WICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, AGIK38/00, AGIK48/00, AGIP43/00, AGIK48/100, AGIP43/00, AGIR48/100, AGIP43/00, AGIR48/100, AGIP43/00, AGIR48/100, AGIP43/00, AGIP43/100, PC
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/organism="unidentified"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Shannon,M.E.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 660 06-DEC-2001;
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Patent: WO 0192524-A 661 06-DEC-2001;
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Sequence 660 from Patent W00192524.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 661 from Patent W00192524.
CQ615921
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/organism="Homo sapiens"
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Location/Qualifiers
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Location/Qualifiers
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Homo sapiens
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Best Local Similarity 87.5°
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Matches 14; Conserv
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ORGANISM
      RESULT 1639
CQ615920
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Regulation of repressor genes using nucleic acid molecules.
BD258329
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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(C12N5/00,C12R1:91)
Regulation of repressor genes using nucleic acid molecules:
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PN JP 2002541195-A/6122
PD 10-DEC-2000
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN CLENES/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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1 (bases 1 to 17)

Ralatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.

Regulation of repressor genes using nucleic acid molecules

From Proposer 195-A 6122 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC

OS ENHARYOUT

PD 10-DEC-2002

PF 11-APR-1999 US 60/129390

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Location/Qualifiers
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JP 2002541795-A/6122.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6008 06-DEC-2001;
Aeomica, Inc. (US)
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Shannon,M.E.
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Aeomica, Inc. (US)
Location/Qualifiers
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0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                        Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.3e+02; Matches 14; Conservative 0; Mismatches 2;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6007 06-DEC-2001;
Acomica, Inc. (US)
Location/Qualifiers
                                                          Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Wyosin-like gene expressed in human heart and muscle Patent: WO 0192524-A 1525 06-DEC-2001;
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 1527 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1527 from Patent WO0192524.
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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CQ616787.1 GI:41667005
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                         Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 1092524-A 6259 06-DEC-2001;
Aeomica, Inc. (US)
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Shannon,M.E.
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Patent: WO 0192524-A 6339 06-DEC-2001;
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37.5%; Pred. No. 8.3e+02;
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Location/Qualifiers
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CQ621519.1 GI:41671737
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6258 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                   Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
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Patent: WO 0192524-A 6010 06-DEC-2001;
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Sequence 6010 from Patent WO0192524.
CQ621270.1 GI:41671488
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C0621518
CQ621518.1 GI:41671736
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DEFINITION Sequence 6259 from Patent WO0192524.

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Location/Qualifiers
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407 CTCCAGTGAGAGTGCG 422
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                    2 CTCCAGTGACAGTGTG 17
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6794 06-DEC-2001;
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6797 06-DEC-2001;
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CQ622057.1 GI:41672275
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CQ622054.
CQ622054.1 GI:41672272
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Location/Qualifiers
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Location/Qualifiers
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Bukaryota: Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Buthoria, Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6342 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Shannon,M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6341 06-DEC-2001;
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Shannon, M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 6340 06-DEC-2001;
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Sequence 6341 from Patent W00192524.
CQ621601. GI:41671819
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Location/Qualifiers
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Homo sapiens (human)
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                       Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 7530 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Acomica, Inc. (US)
Location/Qualifiers
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CQ622791.
CQ622791.1 GI:41673009
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 019524-A 7036 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: WO 0192524-A 7037 06-DEC-2001;
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CQ622790.
CQ622790.1 GI:41673008
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Sequence 7037 from Patent W00192524.
CQ622297.1 GI:41672515
                                                     CQ622296 17 bp DN Sequence 7036 from Patent WO0192524.
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/mol_type="unassigned DNA"
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Location/Qualifiers
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CQ622296.1 GI:41672514
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Homo sapiens (human)
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RESULT 1656

LOCUS

ACCESSION VERSION

KEYWORDS

SOURCE

RESULT 1657

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TITLE JOURNAL

REFERENCE AUTHORS

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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 019224-A 8998 06-DEC-2001;
                                                                                                                                                                                                                                                                                                                             Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 8304 06-DEC-2001;
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 8998 from Patent WO0192524.
CQ624258
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/mol type="unassigned DNA"
/db xref="taxon:9606"
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Location/Qualifiers
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                   267 CACACGIGCIGCICCI 282
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Homo sapiens
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Homo sapiens
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CQ624259
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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 8046 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Wyosin-like gene expressed in human heart and muscle Patent: WO 0192524-A 8303 06-DEC-2001;
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Sequence 8303 from Patent WO0192524.
CQ623563
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Sequence 8046 from Parent WO0192524.
CQ623306
CQ623306.1 GI:41673524
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Location/Qualifiers
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
  Gu.Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shamnon,M.B.
Myosin-like gene expressed in human heart and muscle
Patent: WO 019524-A 9024 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Shannon,M.E.
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Patent: WO 0192534-A 10011 06-DEC-2001;
Aeomica, Inc. (US)
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CQ625271
CQ625271.1 GI:41675489
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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CQ625269
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CQ625271
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                      Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shannon,M.B.
Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 8999 06-DEC-2001;
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Shannon,M.E.
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Aeomica, Inc. (US)
Location/Qualifiers
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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CQ624283
CQ624283.1 GI:41674501
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Sequence 8999 from Patent WO0192524.
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Location/Qualifiers
                                        CQ624259.1 GI:41674477
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RESULT 1665 CQ524283/c LCCUS (

DEFINITION

ACCESSION VERSION KEYWORDS

SOURCE ORGANISM

REFERENCE AUTHORS source

JOURNAL

RESULT 1666 CQ624284/c

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 10665 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Shannon,M.E.
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37.5%; Pred. No. 8.3e+02;
Ive 0; Mismatches 2; Indels
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Sequence 10665 from Patent WO0192524.
CQ625925
                                                              CQ625923 17 bp DN.
Sequence 10663 from Patent WO0192524.
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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CQ625923.1 GI:41676141
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CQ625923/c
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CQ625925/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 10404 06-DEC-2001;
Aeomica, Inc. (US)
Location/Qualifiers
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Shannon,M.E.
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87.5%; Pred. No. 8.3e+02;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Location/Qualifiers
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CQ625663.1 GI:41675881
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Anderson,K., Draper,K. and Baker,B.
Oligonucleotides for modulating the effects of cytomegalovirus
infections
Patent: US 5442049-A 29 15-AUG-1995;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 1337 08-UUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.7%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 8.3e+02; ative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                 0.7%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 8.3e+02; tive 0; Mismatches 2; Indels
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153596
153596.1 GI:2474799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA
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Scandella,D.H. and McKenney,K.H.
Novel hybrid regulatory region
Patent: EP 0138437-A2 6 24-APR-1985;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13821 17 bp | Sequence 29 from patent US 5442049.
                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
                                                                   Sequence 6 from Patent EP 0138437.
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113821.1 GI:996251
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Best Local Similarity 87.5%
Matches 14, Conservative
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Best Local Similarity
Matches 14; Conserv
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                                                                                      Marx, A. Method and nucleic acids for the improved treatment of breast cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Artificial sequences.
JP 1996009977-A/3
16-JDA-1996
04-JUL-1994 JP 1994152346
SONE HIDETARA, TOMIZUKA KAZUMA, SUDA NACKO, IWANATSU AKIHIKO
C12N15/09,C12N1/19,C12P21/02,(C12N1/19,C12R1:865),(C12P21/02,
                                                          Foekens, J., Harbeck, N., Koenig, T., Maier, S., Martens, J., Model, F., Nimmrich, I., Rujan, T., Schmitt, A., Schmitt, M., Look, M.P. and
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/organism='Artificial sequences' FT
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Sone, H., Tomizuka, K., Suda, N. and Iwamatsu, A.
YEAST PROMOTOR
                                                                                                                                                                                                                                                                      Query Match 0.7%; Score 12.8; DB 1; 1
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Detection oligonucleotide
                                                                                                                    proliferative disorders
Patent: WO 2004035803-A 1908 29-APR-2004;
Epigenomics AG (DE)
Location/Qualifiers
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KIRIN BREWERY CO LTD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                    17 bp
Probe for cloning Lg-CSP1 gene.
E10535
E10535.1 GI:22027368
Up 1996009977-A/3.
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strandedness: Single;
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hypothetical: No;
anti-sense: No;
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synthetic construct
synthetic construct
artificial sequences.
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7577 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4561 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1996 12-FEB-2002;
Location/Qualifiers
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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           Sequence 1996 from patent US 6346398.
AR186508
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                                                                                                                                                                                                                                                                                      /organism="unknown"
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/mol_type="unassigned DNA"
                                                                      AR186508.1 GI:20232473
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Klinger,K.W., Landes,G.M., Burn,T.C., Connors,T.D., Dackowski,W.,
Germino,G. and Qian,F.
Polycystic kidney disease gene
Polycystic Kidney disease gene
Patent: US 5654170-A 6 05-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

2 (bases 1 to 17)

Webyoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1831 12-FEB-2002;
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77.5%; Pred. No. 8.3e+02;
ve 0; Mismatches 2; Indels
                                                                                          Length 17;
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                                     /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 6 from patent US 5654170.
159647
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Location/Qualifiers
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"Walnony,D.J. and Cagney,G.

Composition and method for enhancing paracellular transport across

cell layers
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J. Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 226 26-FEB-2002;
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Unclassified.
I (bases 1 to 17)
Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity Patent: US 6528640-A 477 QH-MAR-2003;
       linear
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AR286105
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Sequence 5 from patent US 6346613.
AR193420
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I (bases 1 to 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Pavco, P., McSwiggen, For the treatment of diseases or conditions related to levels of vascular endethelial growth factor receptor Patent: US 6346398-A 7626 12-FEB-2002;

Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7578 12-FEB-2002;

Location/Qualifiers
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/organism="unknown"
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We Swigen, J. A., Stinchcomb, D. T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127, A 541 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 2128 20-MAY-2003;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Batco, P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3373 20-MAY-2003;
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AR324726.1 GI:33710534
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US 6566127.
Sequence 541 from patent US 6566127.
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                                     GI:33708947
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 376 20-MAY-2003;
Location/Qualifiers
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                                                       Length 17;
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 691 04-MAR-2003;
Location/Qualifiers
                                                     0.7%; Score 12.8; DB 1; Length 1
87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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AR266319
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                 /mol_type="unassigned RNA"
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(Dases 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen, Tor the treatment of diseases or conditions

Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 5010 20-MAY-2003;

Location/Qualifiers
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/mol_type="unassigned RNA"
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/mol_type="unassigned RNA"
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Bathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3374 20-MAY-2003;
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Ravco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 3418 20-MAY-2003;
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                             Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 8.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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AR326016.1 GI:33711824
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DEFINITION Sequence 4833 from patent US 6566127.
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 4833 20-MAY-2003;
Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

2 Acco.p., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4834 20-MAY-2003;
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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/mol_type="unassigned RNA"
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AR327720.1 GI:33713528
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 5121 20-MAY-2003;
                                                                                                                                                                                                                                                                                             Tobases 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5011 20-MAY-2003;

Location/Qualifiers
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             ch 0.7%; Score 12.8; DB 1; Length 17; 1 Similarity 87.5%; Pred. No. 8.3e+02; 14; Conservative 0; Mismatches 2; Indels
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Sequence 5121 from patent US 6566127.
AR327719
AR327719.1 GI:33713527
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Seguence 5122 from patent US 6566127.
AR327720
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/wol_type="unassigned RNA"
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6679 20-MAY-2003;
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6680 20-MAY-2003;
1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 5122 20-MAY-2003;
Location/Qualifiers
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6566127.
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Sequence 6680 from patent US 6566127.
AR329278
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/wol_type="unassigned RNA"
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Unclassified.

1 (bases 1 to 17)

Akhtar, S., Fell, P. and McSwiggen, J.A.

Brzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors

Patent: US 6623962-A 637 23-SEP-2003;

Location/Qualifiers
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Gu,Y. and Shannon,M.E.
Isoforms of hunan pregnancy-associated protein-E
Patent: US 6656700-A 124 02-DEC-2003;
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2;
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Sequence 124 from patent US 6656700.
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Sequence 125 from patent US 6656700.
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/organism="unknown"
/wol_type="genomic DNA"
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/wol_type="genomic DNA"
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Gu, Y. and Shannon, M.E.
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Best Local Similarity 87.5
Matches 14; Conservative
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FEATURES
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonuclectides with enzymatic activity
Patent: US 6617438-A 476 09-SEP-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ch 0.7%; Score 12.8; DB 1; Length 17; Similarity 87.5%; Pred. No. 8.3e+02; 14; Conservative 0; Mismatches 2; Indels
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1 (bases 1 to 17)

Beigelan, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Oligoribonucleotides with enzymatic activity Patent: US 6617438-A 690 09-SEP-2003;
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           Length 17;
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        0.7%; Score 12.8; DB 1;
llarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2;
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Seguence 690 from patent US 6617438.
AR398309
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Sequence 476 from patent US 6617438.
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/organism="unknown"
/wol_type="unassigned RNA"
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                                                                       188 ACAAGACCAATGGTGC 203
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                                                                                                       1 ACAAGACCAAAGGGGC 16
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Gu,Y. and Shannon,M.E.
Isoforms of human pregrancy-associated protein-E
Patent: US 6656700-A 574 02-DEC-2003;
Location/Qualifiers
                                                                                                       Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.38+02; Matches 14; Conservative 0; Mismatches 2;
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/organism="unknown"
/mol_type="genomic DNA"
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M Unknown.
Unclassified.

E 1 (bases 1 to 17)

S Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Isoforms of human pregnancy-associated protein-E
Isoforms of human pregnancy-associated
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Unclassified.
1 (bases 1 to 17)
Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 127 02-DEC-2003;
Location/Qualifiers
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Sequence 574 from patent US 6656700.
AR434151
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AR433704
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Seguence 126 from patent US 6656700.
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/mol_type="genomic DNA"
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 577 02-DEC-2003;
Location/Qualifiers
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1 (bases 1 to 17)
Gabel, C.A. and Koller, B.H.
Gabel, C.A. and Koller, B.H.
Patent: US 6677501-A 2 13-JAN-2004;
Location/Qualifiers
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  AR434154 17 bp D)
Sequence 577 from patent US 6656700.
AR434154 AR434154.1 GI:40196997
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2 from patent US 6677501.
AR452814
AR452814.1 GI:42684840
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 660 03-FEB-2004;
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 661 03-FEB-2004;

Location/Qualifiers
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1 (Bases 1 to 17)

(W.Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.
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87.5%; Pred. No. 8.3e+02;
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AR456984
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
                               Sequence 660 from patent US 6
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                                                                      AR456983.1 GI:42692040
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Best Local Similarity
Matches 14; Conserv
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Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 1525 03-FEB-2004; Location/Qualifiers
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Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 1527 03-FEB-2004;
Location/Qualifiers
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6685188-A 6007 03-FEB-2004;
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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1 (bases 1 to 17)
Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
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AR462333.1 GI:42697390
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Sequence 6009 from patent US 6686188.
AR462332
                                                                         Sequence 6008 from patent US 6686188.
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/mol_type="genomic DNA"
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 6258 03-FEB-2004;
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1 (bases 1 to 17)

Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.B.

Bolynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle patent: US 6686188-A 6010 03-FEB-2004;

Location/Qualifiers
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37.5%; Pred. No. 8.3e+02;
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 6258 from patent US 6686188.
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Sequence 6259 from patent US 6686188.
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/organism="unknown"
/mol_type="genomic DNA"
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AR462664.1 GI:42697721
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.B.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 6340 03-FEB-2004;
                                                                                                                                                                                                                                        1 (Dasses 1 to 17) (Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E. Polynucleotide encoding a human myosin-like polypeptide expressed
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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37.5%; Pred. No. 8.3e+02;
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 87.5%; Pred. No. 8.3e+02;
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Sequence 6341 from patent US 6686188.
AR462664
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Sequence 6339 from patent US 6686188.
AR462662
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Patent: US 6686188-A 6339 03-FEB-2004;
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/mol_type="genomic DNA"
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AR462662/c
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1 (Bases 1 to 17)
60, Y., Ji.Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.
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1 (bases 1 to 17)
1 ('bases 1 to 17)
2 'Y. Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 6794 from patent US 6686188.
AR463117.
AR463117.1 GI:42698174
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6h.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shavon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 668188-A 7037 03-FEB-2004;
Location/Qualifiers
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6 do 1, Y., O'l, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shamnon, M.B.
Polymucleotide encoding a human myosin-like polypeptide expressed
predominantly in heart and muscle
Patent: US 668188-A 7530 03-FEB-2004;
Location/Qualifiers
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1 (bases 1 to 17)

Surv. Ji.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Suannon,M.E.
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         Sequence 7037 from patent US 6686188. AR463360
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Sequence 7530 from patent US 6686188.
AR463853
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/organism="unknown"
/mol_type="genomic DNA"
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AR463120.1 GI:42698177
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US 6686188.
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/organism="unknown"
/wol_type="genomic DNA"
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Sequence 7036 from patent
AR463359
AR463359.1 GI:42698416
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Polynuclectide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 8303 03-FEB-2004;
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1 (Dases 1 to 17)
1 (Dases 1 to 17)
2 (Y. Ji,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.
                                                                                                                                                                                                                   1 (bases 1 to 17) Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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illarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches
                                                                          17 bp DNA Sequence 8303 from patent US 6686188. AR464626 AR464626.1 GI:42699683
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 8046 03-FEB-2004;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Shannon, M.E. Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 666188-A 8044 03-PEB-2004;
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predominantly in heart and muscle
Patent: US 6686188-A 7531 03-FEB-2004;
Location/Qualifiers
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AR464369.1 GI:42699426
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 9024 03-FEB-2004;
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Best Local Similarity 87.5%; Pred, No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 9024 from patent US 6686188.
AR465347
AR465347.1 GI:42700404
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6. (bases 1 to 17)
6. (bases 1 to 17)
7. (bane, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shamon, M.E.
Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 668188-A 9023 03-FEB-2004;
Location/Qualifiers
1 (bases 1 to 17)

Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 8998 03-FEB-2004;
Location/Qualifiers
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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Sequence 9023 from patent US 6686188.
AR465346
AR465346.1 GI:42700403
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Sequence 8999 from patent US 6686188.
AR465322
AR465322.1 GI:42700379
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/mol_type="genomic DNA"
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/organism="unknown"
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                                                         1 (bases 1 to 17)
6. W.Y., Ji.Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shamon,M.E.
Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 666188-A 10011 03-FEB-2004;
Location/Qualifiers
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.

Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 10403 03-FEB-2004;
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.B.

Polymucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle
Patent: US 6686188-A 10404 03-FEB-2004;
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87.5%; Pred. No. 8.3e+02;
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Sequence 10403 from patent US 6686188.
AR466726
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/organism="unknown"
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Unclassified.
1 (bases 1 to 17)
GLY. Ji,Y. Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.
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llarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2; Indels
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Sequence 10663 from patent US 6686188.
AR466986
AR466986.1 GI:42702043
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PAT 10-SEP-2001
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RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers

    enzyme
Patent: WO 0157206-A 607 09-AUG-2001;
RIBOZYME PHARMACUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers

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Patent: WO 0157206-A 78 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="texcon:32630"
/noTe="Nucleic Acid"
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Sequence 607 from Patent WO0157206.
AX227235
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Sequence 78 from Patent WO0157206.
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 PAT 15-MAY-2004
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munuostimulatory nucleic acids
Patent: WO 0122972-A 71 05-ABP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                 Unknown.
Unknown.
Unclassified.
1 (bases 1 to 17)
Norris, S.J., Zhang, J.-R., Hardham, J.M., Howell, J.K., Barbour, A.G. and Weinstock, G.M.
WWP-like sequences of pathogenic Borrelia
Patent: US 6719983-A 8 13-APR-2004;
Location/Qualifiers
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Pred. No. 8.3e+02;
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Sequence 717 from Patent WO0122972.
AXI04525
   AR492960 17 bp
Sequence 8 from patent US 6719983.
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AX218031.1 GI:15528092
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                      Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 731 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.4 732 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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87.5%; Pred. No. 8.3e+02;
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                                                                                                                                                                                                                                                              /organism="Homo sapiens"
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AX263340.1 GI:16512139
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                                                   Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fattaey, A.R., Jarvis, T., Mcswiggen, J., Booher, R.N. and Holman, P.S. Method and reagent for the inhibition of checkpoint kinase-1 (chk
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RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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llarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2; Indels
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11 Similarity 87.5%; Pred. No. 8.3e+02;
14; Conservative 0; Mismatches 2;

    17
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Sequence 731 from Patent WO0173002.
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                                   1302 GGAGTTCAAGACATAC 1317
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AX227716.1 GI:15556857
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Gaps

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Indels

Length 17;

PAT 29-OCT-2001

linear

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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
PEDETH: WO 0162911-A 359 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Method and reagent A 520 30-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
                     Query Match 0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.3e+02;
trive 0; Mismatches 2;
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Sequence 359 from Patent WO0162911.
AX272790 AX272790.1 GI:16545527
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Matches 14; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO OLISSO2-A 40094 04-OCT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 209 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                 Gaps
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 4095 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 209 from Patent WO0162911.
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/organism="Homo sapiens"
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AX266704
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Length 17;

PAT 29-OCT-2001

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ACCESSION VERSION KEYWORDS

ORGANISM

SOURCE

AUTHORS

REFERENCE

RESULT 1761 XX347989/c

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PATURES

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PAT 18-JUN-2002
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: NO 0188124-A 1623 22-NOV-2001;
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1422 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
                                                                                             Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G.
                                                                                                                Method and reagent for the inhibition of erg
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1239 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED
Location/Qualifiers
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/db_xref="taxon:9606"
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                                                                                                                                                                                                                                             Schreiber,S., Hampe,J. and Mascheretti,S.
Diagnostic use of polymorphisms in the gene coding for the tnf
receptor II and method for detecting non-responders to anti-tnf
therapy
Patent: EP 1172444-A 22 16-JAN-2002;
Conaris Research Institute GmbH (DE)
Location/Qualifiers
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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/organism="synthetic construct"
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/organism="synthetic construct"
/mol type="unassigned DNA"
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Sequence 333 from Patent W00197843.
AX355305
                                                         Sequence 22 from Patent EP1172444.
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RESULT 1762 AX355305/c LOCUS

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ACCESSION VERSION

KEYWORDS

SOURCE

ORGANISM

DEFINITION ACCESSION VERSION KEYWORDS

RESULT 1763 AX422903

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AUTHORS

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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 230 28-MAR-2002;
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Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 107 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 230 from Patent WO0224750.
AX475009
                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
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Sequence 109 from Patent EP1239051.
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Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB) Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 199 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1

Patent: WO 0224750-A 200 28-MAR-2002;

Aeomica, Inc. (US)

Location/Qualifiers
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Sequence 199 from Patent WO0224750.
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Sequence 200 from Patent WO0224750.
AX474979
AX474979.1 GI:22214264
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.3e+02;
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Patent: BP 1239051-A 859 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 860 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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AX531350
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/db_xref="taxon:9606"
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Sequence 860 from Patent EP1239051.
AX531351 GI:25254485
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/db_xref="taxon:9606"
                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Best Local Similarity 87.55
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: EP 1239051-A 279 11-SEP-2002;
Aeomica, Inc. (US)
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Patent: EP 1239051-A 281 11-SEP-2002;
                                                                                                                  Human posh-like protein 1
Patent: EP 1239051-A 109 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Sequence 279 from Patent EP1239051.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX530772
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/organism="Homo sapiens"
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Location/Qualifiers
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PAT 22-NOV-2002
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              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: EP 1239051-A 1044 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1982 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 1043 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX532473
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 8.3e+02;
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Patent: EP 1239051-A 864 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1219051-A 865 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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AX531534
                                                                        Sequence 864 from Patent EP1239051.
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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CGAGGCAAGGACAAGA 16
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PAT 26-NOV-2002

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 605 25-SEP-2002;
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87.5%; Pred. No. 8.3e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic Sequence"
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AX547578
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Sequence 605 from Patent EP1243660.
AX545092
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                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
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Location/Qualifiers
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                                                                                                 AX545092.1 GI:25810303
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synthetic construct
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 604 25-SEP-2002;
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                                              Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 8.3e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Patent: BP 1239051-A 1984 11-SEP-2002;
                                                                                                                                                                                                                              Sequence 1984 from Patent EP1239051.
AX532475
AX532475.1 GI:25256722

    .17
/organism="Homo sapiens"
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/db_xref="taxon:9606"

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/mol_type="unassigned DNA"
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Sequence 604 from Patent EP1243660.
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Location/Qualifiers
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Location/Qualifiers
                                                                                                                 1662 CCCTCACAGGGCAGCC 1677
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Best Local Similarity
Matches 14; Conserv
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AX545091
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel -1 (clca.)
Patent: WO 0211674-A. 1390 14-FEB-2002;
RIBOZYME PHARMACEUTCALLS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Patent: WO 0211674-A 1439 14-FBB-2002;
RIBOZYME PHARMACENTGALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                Patent: WO 0211674-A 1212 14-FEB-2002;
RIBOZYME PHRAMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US)
Thompson, James (US)
Location/Qualifiers
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ilarity 87.5%; Pred. No. 8.3e+02;
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Sequence 1439 from Patent WO0211674.
AX579601
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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                                                       and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 694 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Patent: WO 0211674-A 807 14-FEB-2002;
RIBOZYME PHRMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Method and reagent for the inhibition of calcium activated chloride
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
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Sequence 1212 from Patent W00211674.
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Sequence 807 from Patent WO0211674.
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Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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RIBOZYME PHARMACEUTICALS, INC. (US)
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AX634491
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Sequence 1664 from Patent EP1260586.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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llarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.3e+02;
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Patent: EP 1273660-A 60 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
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                                                                                                                                                                                                                                                                      AX634793
Sequence 1932 from Patent EP1260586.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 60 from Patent EP1273660.
AX648220
AX648220.1 GI:29151038
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines
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                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human sodium-hydrogen exchanger like protein
Patent: EP 1273660-A 1238 08-JAN-2003;
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87.5%; Pred. No. 8.3e+02;
cive 0; Mismatches 2;
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Sequence 1167 from Patent W003004526.
AX672722 AX672722.1 GI:29331070
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 703 from Patent WO03004526.
AX672258.1 GI:29330606
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/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Location/Qualifiers
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Homo sapiens
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Homo sapiens (human)
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Best Local Similarity 87.53
Matches 14; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 8.3e+02;
ve 0; Mismatches 2; Indels
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Patent: EP 1273660-A 1237 08-JAN-2003;
Aeomica, Inc. (US)
                                                                                                                                                                                                                                                                                                                             Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 62 08-JAN-2003;
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Sequence 1238 from Patent EP1273660.
AX643398 1 GI:29152216
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EP1273660.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 62 from Patent EP1273660.
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Location/Qualifiers
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AX649397
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14; Conservative
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 8.3e+02;
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Patent: WO 03004526-A 1167 16-JAN-2003;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Eutele
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
 0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                Sequence 3093 from Patent W003004526. AX674648. GI:29332996
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Heinrich, G. and Kerb, R. Methods for the transcension CYP3A5 Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 03013534.A. 354 20-FEB-2003; Epidauros Biotechnologie AG (DE)
                                                                                               Heinrich,G. and Kerb,R.
Methods for the treatment of cancer with irinotecan based on CYF3A5
Patent: WO 03013534-A 353 20-FEB-2003;
Epidauros Biotechnologia AG (DE)
Location/Qualifiers
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Homo sapiens
Bukaryosta, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                 Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Methods for treatment of cancer using irinotecan based on UGT1A1
Patent: WO 03013556-A 353 20-FBB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Seguence 353 from Patent W003013536.
AX707586
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Sequence 354 from Patent WO03013534.
AX706657
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/db_xref="taxon:9606"
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Homo sapiens (human)
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                            Patent: EF 1281758-A 223 05-FEB-2003; Aeomica, Inc. (US)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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Sequence 223 from Patent EP1281758.
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Location/Qualifiers
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Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus linear DNA RESULT 1808 ACCESSION VERSION KEYWORDS SOURCE ORGANISM DEFINITION REFERENCE AX722859

PAT 08-MAY-2003

Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as Patent: WO 03025176-A 546 27-MAR-2003; FEATURES

/mol_type="unassigned DNA" /db_xref="taxon:10090" Molecular Engines Laboratories (FR) Location/Qualifiers organism="Mus musculus"

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Gaps ; 0 0.7%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 8.3e+02; ive 0; Mismatches 2; Indels 208 GAGCAGATAGGCCTGG 223 14; Conservative Query Match Best Local Similarity Matches 14; Conserv

RESULT 1809

AX723066

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Length 17;

PAT 08-MAY-2003 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as linear DNA medicines Patent: WO 03025176-A 753 27-MAR-2003; Molecular Engines Laboratories (FR) Location/Qualifiers AX723066 153 from Patent W003025176. Seguence 753 from Patent W003025176. AX723066 /mol_type="unassigned DNA" /db_xref="taxon:10090" /organism="Mus musculus" Mus musculus (house mouse) AX723066.1 GI:30423567 KEYWORDS SOURCE ORGANISM DEFINITION ACCESSION VERSION AUTHORS REFERENCE JOURNAL FEATURES TITLE

PAT 04-APR-2003

linear

Gaps ٠, Length 17; Indels Score 12.8; DB 1; Pred. No. 8.3e+02; 0; Mismatches 2; 0.7%; Scor. 87.5%; Pred 0; 1 Query Match
Best Local Similarity 87.54
Matches 14; Conservative

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PAT 08-MAY-2003

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Mus musculus Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as madiation. linear medicines Patent: WO 03025176-A 1056 27-MAR-2003; Molecular Engines Laboratories (FR) Location/Qualifiers AX723369 17 bp DNA Sequence 1056 from Patent WO03025176. AX723369.1 GI:30423870 source DEFINITION ORGANISM ACCESSION VERSION KEYWORDS AUTHORS TITLE AX723369 LOCUS REFERENCE JOURNAL FEATURES SOURCE

Length 17; Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.3e+02; Matches 14; Conservative 0; Mismatches 2; /organism="Mus musculus" /mol_type="unassigned DNA" /db_xref="taxon:10090"

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PAT 08-MAY-2003 linear DNA 17 bp 0

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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/organism="Mus musculus"
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1574 from Patent W003025176.
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Mus musculus
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX725664
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mus musculus
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Mus musculus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                  Gaps
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0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.3e+02;
ative 0; Mismatches 2;
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87.5%; Pred. No. 8.3e+02;
7ative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Sequence 4804 from Patent WO03025176.
AX727117
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: WO 03025175-A 1566 27-MAR-2003;
Molecular Engines Laboratories (FR)
Locarion/Qualifiers
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Molecular Engines Laboratories (FR)
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WO03025175.
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/db_xref="taxon:9606"
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AX730526
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AX729932.1 GI:30509275
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Homo sapiens
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Pred. No. 8.3e+02;
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Patent: WO 03025176-A 5823 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1566 from Patent W003025175.
AX729932
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                     Sequence 4887 from Patent WO03025176. AX727200
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/db_xref="taxon:10090"
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Mus musculus
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/organism="Homo sapiens"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                    Patent: WO 03025175-A 2160 27-MAR-2003;
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AX731479
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/db_xref="taxon:9606"
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: WO 03025175-A 4010 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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37.5%; Pred. No. 8.3e+02;
1ve 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX733798
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                    AX733691 17 bp DNA
Sequence 5325 from Patent WO03025175.
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Sequence 356 from Patent WO03025177.
AX734766
AX734766.1 GI:30514043
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AX733691.1 GI:30513034
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Best Local Similarity 87.5%;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                              Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 30322177-A 356 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1312 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX738512
AX738512.1 GI:30517800
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/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4102 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments.
Patent: WO 03025177-A 4326 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03020217-A 4367 27-MAR-2003;
Molecular Engines Laboratories (FR)
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                                                                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Human gtp-activator protein for rab-like gtpase
Patent: WO 03033703-A 239 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                        Human gtp-activator protein for rab-like gtpase
Patent: WO 03033703-A 181 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
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                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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   17 GGTGAGCGTGACCAGG 2
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Homo sapiens
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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                                                        Human gtp-activator protein for rab-like gtpase
Patent: WO 03033703-A 180 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Sequence 180 from Patent WO03033703.
AX750964
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                            Human gtp-activator protein for rab-like gtpase Patent: WO 03033703-A 240 24-APR-2003; Amersham Biosciences (SV) Corp. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human gtp-activator protein for rab-like gtpase
Patent: WO 03033703-A 313 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Patent: WO 03033703-A 314 24-APR-2003,
Amersham Biosciences (SV) Corp. (US)
                                                                                                                                                                                                                       0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2;
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   Homo sapiens
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                                                           Zhang, J.
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Best Local S:
Matches 14,
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AX751098/c
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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ch 0.7%; Score 12.8; DB 1; Similarity 87.5%; Pred. No. 8.3e+02; 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.3e+02;
ttive 0; Mismatches 2;
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AX757958
AX757958.1 GI:32252574
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
Patent: WO 03040369-A 4355 15-WAY-2003;
Molecular Engines Laboratories (FR)

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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 8.3e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
Sequence 3188 from Patent W003040369. AX759867
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Sequence 4355 from Patent W003040369.
AX761034
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 2497 from Patent WO03040369.
AX759176
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/mol_type="unassigned DNA"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4973 from Patent W003040369.
AX761652
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Location/Qualifiers
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Best Local Similarity
Matches 14; Conserva
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PAT 25-JUN-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 8.3e+02;
tive 0; Mismatches 2; Indels
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Patent: WO 03050284-A 1570 19-UNN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
Patent: WO 03040369-A 4973 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Sequence 1570 from Patent WO03050284.
AX783239
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                                                                                                                      /mol_type="unassigned DNA"
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/db xref="taxon:9606"
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/organism="Homo sapiens"
/organism="Homo sapiens"
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/organism="Homo sapiens"
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Homo sapiens
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Best Local Similarity 87.55
Matches 14; Conservative
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PAT 27-AUG-2002
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Description of Artificial Sequence: Human occludin antisense
                                                                                                                                                                                                                                     Composition and method for promoting the paracellular transport passing through cell layers.

BD080849.1 GI:22626452
UP 2001517472 ***.
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Synthetic construct
synthetic construct
artificial sequences.

(Commany, D. J. and Cagney, G.
Commosition and method for promoting the paracellular transport passing through cell layers
Patent: JP 201517436-A 5 09-OCT-2001;
                                                                                                               Gaps
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synthetic construct
artificial sequences.
[ Lases 1 to 17]
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
Kit and method for determining HLA type
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17 bp DNA
Kit and method for determining HLA type.
BD104518.1 GI:22650092
WO 0192572-A/622.
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                                                                                                                                                856 AAGGACCTGAAGCAGT 871
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BD104518/c
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Unidentified

unidentified

unidentified

unidentified

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unclassified:

I (bases 1 to 17)

BLYMATA: S. Fell, P. and Mcswiggen, J.A.

RAKHATA: S. Fell, P. and Mcswiggen, J.A.

BRZYMATIC nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 637 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV

OS Unidentified

PR 14-JAN-1998 JP 1998632913

PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC CL2N9/00, COYK14/71

CC Strandedness: Single;

CC TOpology: Linear;

CC Enzymatic nucleic acid treatment of diseases or conditions CC
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Enzymatic nucleic acid treatment of diseases or conditions related to
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llarity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
Pred. No. 8.3e+02;
                                                                                                                                                                                                                                                                                                                                                               Human prostate cancer candidate protein 1
Patent: WO 03052084-A 1571 19-UN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                 AX783240 17 bp DNA Sequence 1571 from Patent WO03050284.
AX783240
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                 44 GAGGACCAGCAGTGTG 59
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               87.5%;
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                 est Local Similarity 87.53 atches 14; Conservative
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L Patent: WO 0192572-A 622 06-DEC-2001;

NISSHIMBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGITA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
OS Artificial Sequence
PN WO 0192572-A/622

DD 06-DEC-2001
PF 01-JUN-2001 WO 2001JP004662
PR 01-JUN-2000 JP 00P 164798
PI HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI PI
MATSUWURA,
PI SHOGO MORIYAA, MICHIO NISHIDA
PC C12Q1/68, C12M1/00, C12M1/5709, G01N33/53
CC Description of Artificial Sequence:capture
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I. 17

Corganism='Artificial Sequence'.
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Patent: WO 0192572-A 1200 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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.larity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2; Indels
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Description of Artificial Sequence:capture
Key
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/organism="synthetic construct"
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WO 0192572-A/1200
06-DEC-2001
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OS ARLÍÉ
PN WO 012
PD 06-DEC
PF 01-JUD
PR 01-JUD
PR HIDETT
MATSUMURA,
PI SHOGO
PC C1201,
CC DESCI'
FH KEY
FT SOUCG
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Kit and method for determining HLA type
Patent: WO 0192572-A 1213 05-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
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Nishida,M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                   01-JUN-2001 WO 2001JP0004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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PN JP 2002503952-A/7
PD 05-FEB-2002
PP 22-MEY-1997 JP 1997542784
PR 24-MAY-1996 US 08/65813
KATHERINE KLINGER, TIMOTHY BURN, TIMOTHY CONNORS, WILLIAM PI
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Description of Artificial Sequence:capture
Key
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1larity 87.5%; Pred. No. 8.3e+02;
Conservative 0; Mismatches 2;
                                                                                 Xit and method for determining HLA type. BD105109
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/organism="synthetic construct"
/mol_type="genomic DNA"
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Patent: JP 2002503952-A 7 05-FEB-2002;
GENZYME CORP
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unclassified.
1 (bases 1 to 17)
Klinger, K., Burn, T., Connors, T.,
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WO 0192572-A/1213
06-DEC-2001
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WO 0192572-A/1213.
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synthetic construct
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PN WO DIL
PD WO DIL
PD 01-JUD
PR 01-JUD
PI HIDET
MATSUMURA,
PI SHOGO
PC C12Q1,
CC DESCY,
FH KEY
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PAT 09-MAR-1998

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Anne, J., Van, M.L., Lammertyn, E., Scarcez, Thierry and Van, B.A. SUBTILISIN INHIBITOR OF STREPTOMYCES VENEZUELAE, AND USE OF THE GENE SEQUENCES FOR EXPRESSION AND/OR SECRETION OF HETEROLOGOUS PROTEINS IN STREPTOMYCES
PACHEL WO 9711187-A 41 27-MAR-1997;
INNOGENETICS NV (BE)
Location/Qualifiers
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Goodfellow P.N.
METHODS FOR IDENTIFYING A MUTATION IN A GENE OF INTEREST
PATENT: WO 9744485-A 14 27-NOV-1997;
HEXAGEN TECHNOLOGY LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.7%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 9e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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                                             Sequence 41 from Patent W09711187.
A61818
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Sequence 19 from Patent WO9916780.
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Sequence 14 from Patent WO9744485.
A67594
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                 RESULT 1864
A61818
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                 GREGORY GERMINO, FENG QIAN C12N5/10, C12Q1/68, G01N33/68,
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Klinger,K., Burn,T., Connors,T., Dackowski,W., Germino,G. and
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                                               G01N33/53,
PC C07K16/18,A61K48/00,A61K38/17,A01K67/027,C12N15/00 CC Strandedness: Single;
CC Topology: Linear;
CC Polycystic kidney disease gene
FH Key
Incortion/Qualifiers
FT source
Organism='Unidentified'.
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Patent: JP 2002503952-A 25 05-FEB-2002;
GENZYME CORP
OS Unidentified
PN JP 2002503952-A/25
PP 05-FEB-2002
PP 22-MAY-1997 JP 1997542784
PR 24-MAY-1996 US 08/655360,03-JUN-1996 US 08/65813
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est Local Similarity 87.5%; Pred. No. 8.3e+02;
latches 14; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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Key
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BD128596
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JP 2002503952-A/25.
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CC Topology: Linear;
CC Polycystic kidney of FH Key LoFFT Source
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PC C07K16
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DACKOWSKI
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RESULT 1867

DEFINITION AR002228/C

ACCESSION

VERSION KEYWORDS

ORGANISM

REFERENCE AUTHORS

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(bases 1 to 18)
Bennett, C.Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense inhibition of cellular inhibitor of apoptosis-1
                                                                                                                                                                                                                                                         Detection of cone-photoreceptor-based vision disorders
Patent: US 5837461-A 1 17-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                     0.7%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 9e+02;
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1 (bases 1 to 18)

1 (bases 1 to 18)

Antisense modulation of G-alpha-11 expression Patent: US 5951455-A 60 14-SEP-1999;
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0; Mismatches
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Sequence 15 from patent US 5958772.
AR076348.1 GI:10003094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 60 from patent US 5951455.
AR073420
                                                                                             18 bp
Sequence 1 from patent US 5837461.
AR054954
AR054954.1 GI:5980531
                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
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1 (bases 1 to 18)
Neitz,M.E. and Neitz,J.F.
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1 (bases 1 to 18)
Gala,J. and Vannuffel,P.
Gala,J. and Vannuffel,P.
GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS AND
DEVICES FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
PATENT: WO 9916780-A 19 08-APR-1999;
GALA JEAN LUC (BE); UNIV LOUVAIN (BE)
Location/Qualifiers
                                                                                                                                                                                                                          Gaps
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Patent: US 5741638-A 18 21-APR-1998;
Location/Qualifiers
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87.5%; Pred. No. 9e+02;
live 0; Mismatches 2;
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                                                                                                                          /organism="unidentified"
/mol_type≈"unassigned DNA"
/db_xref="taxon:32644"
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Sequence 18 from patent US 5741638.
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1 (bases 1 to 18)
Brunner, H.G. and Breakefield, X.O.
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Best Local Similarity 87.5°
Matches 14; Conservative
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                                                                                                                                                                                                        Similarity
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Dergeria (Dases 1 to 18)

Bergeron, M. G., Picard, F. J., Ouellette, M. and Roy, P. H.

Bergeron, M. G., Picard, F. J., Ouellette, M. and Roy, P. H.

Species-specific and universal DNA probes and amplification primers to rapidly detect and identify common bacterial pathogens and associated antibiotic resistance genes from clinical specimens for routine diagnosis in microbiology laboratories

Patent: US 5994666-A 136 10-NOV-1999;

Location/Qualifiers
                PAT 01-SEP-2000
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( pasea P. No. 18)

Goodfellow, P.N.

Methods for identifying a mutation in a gene of interest without a
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0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 9e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Antisense modulation of Grapha-13 expression Patent: US 5981732-A 10 09-NOV-1999;
Location/Qualifiers
1. .18 / organism="unknown" /mol_type="unassigned DNA"
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                  DNA
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Patent: US 5994075-A 14 30-NOV-1999;
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          Sequence 10 from patent US 5981732. AR085574
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Monia, B.P. and Cowsert, L.M.
Antisense modulation of inhibitor-kappa B kinase-beta expression
Patent: US 5977341.A 13 02-NOV-1999;
Location/Qualifiers
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                                                                                                                        uery Match 0.7%; Score 12.8; DB 1; Length 18; est Local Similarity 87.5%; Pred. No. 9e+02; latches 14; Conservative 0; Mismatches 2; Indels
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Patent: US 5965370-A 32 12-OCT-1999;
Location/Qualifiers
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expression
Patent: US 5958772-A 15 28-SEP-1999;
Location/Qualifiers
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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                                                                       /organism="unknown"
/wol_type="unassigned DNA"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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Cowsert, L.M.
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ative 0; Mismatches 2;
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87.5%; Pred. No. 9e+02;
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of EGR-1 expression
Patent: US 6008048-A 8 28-DEC-1999;
                                                                                                                                                     1 (bases 1 to 18)
Monia.B.P., Baker,B.F. and Cowsert,L.M.
Antisense modulation of CREL expression
Patent: US 6001652-A 18 14-DEC-1999;
Location/Qualifiers
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Monia, B.P., Baker, B.P. and Cowsert, L.M.
Antisense modulation of GREL expression
Patent: US 6001652-A 20 14-DEC-1999;
                                     DNA
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                              Sequence 18 from patent US 6001652. AR094516
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/wol_type="unassigned DNA"
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AR096624
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/organism="unknown"
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Bergeron, M.G., Ouellette, M. and Roy, P. H.

Bergeron, M.G., Ouellette, M. and Roy, P. H.

Species specific and universal DNA probes and amplification primers to rapidly detect and identify common bacterial pathogens and associated antibiotic resistance genes from clinical specimens for routine diagnosis in microbiology laboratories

Patent: US 6001564-A 136 14-DEC-1999;
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                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 18)
Blumenfeld,A., Gusella,J.F., Breakefield,X.O. and Slaugenhaupt,S.
Use of genetic markers to diagnose familial dysautonomia
Patent: US 5998133-A 33 07-DEC-1999;
Location/Qualifiers
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                1. .18
/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 33 from patent US 5998133.
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/mol_type="unassigned DNA"
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Location/Qualifiers
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                                                                                                                                     560 GCCGCCCCCCTCGTCG 575
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I (bases 1 to 18)
Yokoya,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,
Aburatani,H. and Sonaka,I.
Gene panel for genes involving liver regeneration
Daten: WO 02077222-A 77 03-0CT-2002;
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
AJINOMOTO CO INC,FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,
AJINOMOTO CO INC,FUMIHIKO YOKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA
OS ARTIficial Sequence
PN WO 02077222-A/77
PD 03-0CT-2002
PP 13-MAR-2002 WO 2002JP002372
PR 13-MAR-2001 JP 01P 070940
                                                                                         1 (bases 1 to 18)
Attie, K.M., Carlsson, L.M.S., Gesundheit, N. and Goddard, A.
Treatment of partial growth hormone insensitivity syndrome
Patent: US 6207646-A 37 27-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.7%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 9e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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BD178739.1 GI:30016006
SWHTNAT.22-A/77.
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Rothschild,K.J. and Olejnik,J.
Compounds and methods for detecting biomolecules patent: US 6218530-A 4 17-APR-2001;
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/organism≃"unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 4 from patent US 6218530.
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AR140360.1 GI:14482856
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Klinger, K., Burn, T., Connors, T., Dackowski, W., Germino, G., Qian, F. and Landes, G.
Polycystic kidney disease gene and protein
Patent: US 6071717-A 10 06-JUN-2000;
Location/Qualifiers
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                                                                               2;
                                         0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 9e+02;
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1 (bases 1 to 18)

Monia,B.P. and Cowsert,L.M.
Antisense inhibition of EGR-1 expression
Patent: US 6008048-A 17_28-DEC-1999;
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Sequence 37 from patent US 6207640.
AR140360
                                                                                 0; Mismatches
                                                                                                                                                                                                                                             18 bp
Sequence 17 from patent US 6008048.
AR096633
AR096633.1 GI:10025602
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    FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYUKI PI
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PI FUMIHIKO YOKOYA, TOMOHISA OKUTSU, MAIKO MORI, YOSHIYY
TAKAHARA, HISAO FUKUDA,
PI HIROYUKI ABURATANI, ICHIRO SONAKA
C CIZZHS/609, C12Q1/68, G01N33/15, G01N33/50, G01N37/00 of
Description of Artificial Sequence: primer
FY Key
Location/Qualifiers
FT source
L. 18
/organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic construct

Synthetic construct

artificial sequences.

1 (bases 1 to 18)

Vecrapanane, D., Hamanaka, S., Kubo, H. and Nozawa, I.

Antisense Oligonucleotides trangeted to IL-15

Patent: JP 2002519439-A 16 02-JUL-2002;

HISAMITSU PHARMACEUTICAL CO INC

SArtificial Sequence

PN JP 2002519439-A/16

PD 02-JUL-2002

PP 07-JUL-1999 JB 2000558241

PR 07-JUL-1999 US 60/191873

PI DANGE VEERAPANANE, SHOII HAMANAKA, HIROYUKI KUBO, IV
                                                                                                      /organism='Artificial Sequence'
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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87.5%; Pred. No. 9e+02;
tive 0; Mismatches 2; Indels
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/ozganism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002519439-A/16.
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artificial sequences.

It (bases 1 to 18)

'S Valent, B.S. and Bryan, G.T.

'S Valent, B.S. and Bryan, G.T.

'S Pi-ta imparting disease resistance to plants

B Pi-ta imparting disease resistance to plants

E DU PONT DE NEMOURS AND CO

Artificial Sequence

PN JP 2002525033-A/38

PD 13-AUG-1999 UP 2000563786

PR 03-AUG-1999 US 60/095229,21-JUN-1999 US 09/336946 PI

BARBARA SUE VALENT, GREGORY T BRYAN

PC C12N15/09,A01H5/00,C12N5/10,C12N5/00 CC

Description of Artificial Sequence:Synthetic oligonucleotide FH
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                                                                       Synthetic construct
artificial sequences.

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Shifterial sequences.
Artisenses modulation of expression of cellular inhibitor of artificial sequence
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PP 16-UNM-1999 UP 2000585447
PP 16-UNM-1999 UP 2000585447
PP 6-UNM-1999 UP 2000585447
PP 6-UNM-1999 UP 200058547
PP 76-UNM-1999 UP 200058547
PP 76-UNM-1999 UP 200058547
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Location/Qualifiers
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Pi-ta gene imparting disease resistance to plants.
BD249623

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/organism="synthetic construct"

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BD234291.1 GI:33044061 JP 2002531469-A/15.
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JP 2002525033-A/38.
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Militaria Sequence
PN JP 200239849-A/220
PD 26-NOV-2002
PF 27-MAR-2000 JP 2000608794
PR 26-MAR-1999 US 60/126473, 23-JUN-1999 US 60/140359 PI
JIAN BING FAN, JOBL N HIRSCHHORN, XIAOHUA
HIRNG, PAUL KAPLAN, ERIC
PI S LANDER,
PC C12Q1/66, C12M1/00, C12N15/09, C12N15/09, G01N33/53, PC
G01N33/566,
CG G01N37/00, C12N15/00, C12N15/00, C12N15/00
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minzhen kusu,gang qiu,robert hunfrees
Description of Artificial Sequence: antisense oligonucleotide
Patent: JP 2002539849-A 220 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH,AFFYMETRIX INC
                                                                                                                                                                                                                                                                   ce 1. .18 /organism='Artificial Sequence'. Location/Qualifiers
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to a specific region of the mouse Ii gene.
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/organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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artification sequences.
1 (bases 1 to 18)
Cowsert.L.M., Baker, B.F., Moneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Obassi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
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13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 P
I COWSERI,BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S.,
Lockhart, D.J., Ryder, T. and Sklar, P.
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/organism="synthetic construct"
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/db_xref="t-axon:32630"
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Patent: JP 2002511276-A 298 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
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/ord. Lype="unassigned DNA"
/db.xref="taxon:32630"
/note="Artificially synthesized S-oligonucleotide sequence
for antisense method"
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Method for diagnosing non-small cell lung cancers
Patent: WO 2004031413.A 471 15-APR-2004;
Oncotherapy Science, Inc. (JP); Japan as represented by the
president of the university of Tokyo (JP)
Location/Qualifiers
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Patent: US 5616488-A 727 01-APR-1997;
Location/Qualifiers
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Jacobson, M.A., Johnson, R.G. and Salvatore, C.A.
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Sequence 41 from patent US 5646156.
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155017.1 GI:2476220
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Unclassified.
1 (bases 1 to 18)
Rudert,W.A. and Trucco,M.
Polymers of oligonucleotide probes as the bound ligands for use in reverse dot blots
Patent: US 5683872-A 75 04-NOV-1997;
Location/Qualifiers
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Klinger, K.W., Landes, G.M., Burn, T.C., Connors, T.D., Dackowski, W., Germino, G. and Qian, F.
Polycystic kidney disease gene
Patent: US 5654170-A 8 05-AUG-1997;
Location/Quallfiers
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                                                                                                                     ch 0.7%; Score 12.8; DB 1; Length 1. I Similarity 87.5%; Pred. No. 9e+02; 14; Conservative 0; Mismatches 2; Indels
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Patent: US 5646156-A 41 08-JUL-1997;
Patent: Location/Qualifiers
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159649
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Patent: US 6346398-A 4500 12-FEB-2002;
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Rudert, W.A. and Trucco, M.
Polymers of Oligonucleotide probes as the bound ligands for use in reverse dot blots
Patent: US 5683872-A 99 04-NOV-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 18)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions Method and reagent for the areament of diseases or receptor related to levels of vascular endothelial growth factor receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (Jases 1 to 18)
Bennett, C. Frank., Ackermann, E.J., Swayze, E.E. and Cowsert, L.M. Antisense modulation of survivin expression
Patent: US 6335194-A 99 01-JAN-2002;
Location/Qualifiers
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llarity 87.5%; Pred. No. 9e+02;
Conservative 0; Mismatches 2; Indels
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AR189012.
AR189012.1 GI:20234977
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AR181637.1 GI:20223851
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 99 from patent US 5683872.
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Broatcours, P.C. and Rouviere, P.E.

Genes and enzymes for the production of adipic acid intermediates

Patent: US 6365376-A 39 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
Unclassified.
I (bases 1 to 18)
Pavco, Pr., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, Pr., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related to 18 634638.A 6250 12-FEB-2002;
Patent: Us 634638.A 6250 12-FEB-2002;
Location/Qualifiers
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Sequence 39 from patent US 6365376.
                         1. .18
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Location/Qualifiers
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AR203423.1 GI:21499808
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Sequence 5796 from patent US 6537751.
AR294061
                                        ch 0.7%; Score 12.8; D
1 Similarity 87.5%; Pred. No. 9e+0
14; Conservative 0; Mismatches
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Sequence 42 from patent US 6479731.
AR254296
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 18)
Xu,M., Qiu,G. and Humphreys,R.
MHC class II antigen presenting cells containing oligonucleotides which inhibit II protein expression
Patent: US 636885-A 18 09-APR-2002;
Location/Qualifiers
1. .18
1. .18
1. .18
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Brzostowicz,P.C. and Rouviere,P.E.
Oxidation of a cyclohexanone derivative using a Brevibacterium cyclohexanone monocxygenase
cyclohexanone monocxygenase
Patent: US 6465224-A 39 15-OCT-2002;
Location/Qualifiers
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1 (bases 1 to 18)

Roberts, M.L. and Cowsert, L.M.
Antisense modulation of human Rho family gene expression
Patent: US 6410323-A 175 25-JUN-2002;
Location/Qualifiers
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1 Similarity 87.5%; Pred. No. 9e+02;
14; Conservative 0; Mismatches
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              AR205258 18 from patent US 6368855.
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/organism="unknown"
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                                                    AR205258.1 GI:21502796
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1 (bases 1 to 18)
Valent, B.S. and Bryan, G.T.
Pi-ta gene conferring fungal disease resistance to plants
Patent: US 6479731-A 42 12-NOV-2002;
Location/Qualifiers
                                                                                                                  Unknown.
Unclassified.
1 (bases 1 to 18)
Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 20 29-OCT-2002;
Location/Qualifiers
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Ben-Bassat, A., Cattermole, M., Gatenby, A.A., Gibson, K.J.,
Ramos-Gonzalez, M.I., Ramos, J. and Sariaelani, S.
Method for the production of rho.-Hydroxybenzoate in species of pseudomonas and agrobacterium
Patent: US 6586229-A 25 01-UUL-2003;
                                                                                                                                                                                                                                                                                                   [ [bases 1 to 18]
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3009 20-MAY-2003;
Location/Qualifiers
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/wol_type="unassigned RNA"
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Seguence 25 from patent US 6586229.
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Sequence 75 from Patent WO9911785.
AX004855
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/organism="unknown"
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AR325607 GI:33711415
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Unclassified.
Unclassified.

I (bases I to 18)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 2213 20-MAY-2003;
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                                                                                 1 (bases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 5796 25-MAR-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallellic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751_A 9033 25-MAR-2003;
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larity 87.5%; Pred. No. 9e+02;
Conservative 0; Mismatches 2; Indels
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/organism="unknown"
/wol_type="genomic DNA"
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Sequence 2213 from patent
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AR297298.1 GI:31684582
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Murinae gen. sp.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butherla; Rodentia; Sciurognathi; Muridae; Murinae.
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                                                                                 Acgregor, D.

Chimeric binding peptide library screening method

Chimeric binding peptide library screening method

Patent: WO 9911/85-A 75 11-MAR-1999;

MCGREGOR DUNGAN (GB); ROWETT RESEARCH SERVICES LIMIT (GB)

Location/Qualifiers

1. .18

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic DNA"
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                                                                                                                                                                                                                                                           1; Length 18;
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3est Local Similarity 87.5%; Pred. No. 9e+02;
Matches 14; Conservative 0; Mismatches
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Patent: WO 0118037-A 25 15-MAR-2001;
University Health Network (CA)
Location/Qualifiers
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AX004855.1 GI:9928266
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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/mol type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc
kinase"
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Pred. No. 9e+02;
0; Mismatches 2;
                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
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/nofe="primer"
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 4228 from Patent WO0130362.
AXI33010
AXI33010.1 GI:14139320
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Orchid BioSciences, Inc. (US
Location/Qualifiers
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Seguence 4283 from Patent AX133065
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PAT 21-NOV-2002
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Patent: Wo 020777272-A 1047 03-OCT-2002;
Epigenomics AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                      Tschopp, J. and Martinon, F. Proteins and dna sequences underlying these proteins used for treating inflammations Patent: WO 940668-A 88 23-MAY-2002; Apotech Research and Development Ltd. (CH) Location/Qualifiers
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/wol_type="unassigned DNA"
/db_xref="taxon:32630"
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28quence 88 from Patent WO0240668.

AX530365.1 GI:25173253
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Patent: WO 0194413-A 50 13-DEC-2001;
Bristol-Myers Squib Company (US)
Location/Qualifiers
cqc
/note="Hammerhead ribozyme recognition site for
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Pred. No. 9e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noCe="Primer"
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                                                 ch 0.7%; Score 12.8; DB 1
1 Similarity 87.5%; Pred. No. 9e+02;
14; Conservative 0; Mismatches
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Sequence 50 from Patent WO0194413.
AX358004
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Sequence 25 from Patent WO0192539.
AX322564
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Woolf, T. Method and reagent for inhibiting the expression of disease related
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PAT 15-DEC-2003
                                                                     Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Kapelsky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcdak, A., Modak, Pavco, P., Beigelman, L., Sillivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Method for specific, fast detection of threadlike bacteria
Patent: WO 02101089-A 36 19-DEC-2002;
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37.5%; Pred. No. 9e+02;
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 5026 from Patent EP1347046.
AX837902
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                                                                                                                                                                                                                                                                                    /mol_type="unassigned RNA"
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                                                                                                                                                                                                                                                                  /organism="unidentified"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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AX837902
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Patent: WO 02092851-A 42 21-NOV-2002;
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)
Location/Qualifiers
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    18
        - voganism="synthetic construct" | /organism="unassigned DNA" | /db_xref="taxon:32630"

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AX635792
                             Sequence 42 from Patent W002092851.
AX600947
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                                                                                                                                                                                             Binns, M.M. and Swinburne, J.E.
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AX635846.1 GI:28471460
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buv/1043 18 bp DNA linear PAT 27-AUG-2002 Modulation of mammalian telomerase by peptide nucleic acids. BD071043
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09-0CT-2001
09-APR-1997 JP 1997536487
09-APR-1996 US 08/630019
JERRY W SHAY, WOODRING E WRIGHT, MIECZYSLAW A PIATYSZEK, DAVID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (baes 1 to 18)
Shay,J.W., Wright,W.E., Piatyszek,M.A., Corey,D. and Norton,J.C.
Modulation of mammalian telomerase by peptide nucleic acids
Patent: JP 2001517929-A 9 09-OCT-2001;
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/desc = 'peptide nucleic acid (PNA), where (deoxy(ribose-
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concentration
Patent: JP 2001517951-A 68 09-OCT-2001;
E1 DU PONT DE NEMOURS & CO
E1 DU PONT DE NEMOURS & CO
E1 DU PONT DE NEMOURS B CO
EN 19-MAR-1991 US 60/041515
PI ROBERT STEFAN REITER
PC C1201/68 FOR SINGle;
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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    .18
/organism="Medicago sativa"
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/db_xref="taxon:3879"

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Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001517929-A/9.
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JAMES C NORTON
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                                                                                                                               /mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="pescription of Artificial Sequence: an artificially
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/mol_type="unassigned DNA"
/mol_type="taxon:32644"
/more="Description of Artificial Sequence: an artificially synthesized primer se q"
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Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids, eurosids I; Fabales, Fabaceae, Papilionoideae, Trifolieae,
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Reiter, R.S.
A method to identify and breed corn with increased kernel oil
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                        Full-length cDNA sequences
Patent: EP 1347046-A 5026 24-SEP-2003;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Research Association for Biotechnology (JP)
Location/Qualifiers
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87.5%; Pred. No. 9e+02;
tive 0; Mismatches 2;
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EP1347046.
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Full-length cDNA sequences
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AX838027
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JP 2001517951-A/68.
Medicago sativa
Medicago sativa
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12-WAR-2001 JP 2001068285
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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     Gene sequence for identification of Staphylococci strains, diagnosis
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Social 2.

Social 3.

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Pred. No. 9e+02;
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87.5%; Pred. No. 9e+02;
ative 0; Mismatches 2; Indels
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                                     and/or quantitation method, and apparatus Key
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/organism="synthetic construct"
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                                                                                       /organism='Fsq6S'.
Location/Qualifiers
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A method of arraying genome clone.
BD088564
                                                                                                                         1. .18
/organism="unidentified"
/mol_type="genomic DNA"
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
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Matches 14; Conservative
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TITLE
Gene sequence for identification of Staphylococci strains,
diagnosis and/or quantitation method, and apparatus
JOURNAL
UNIVERSITE CATHOLIQUE DE LOUVAIN, MINISTERE DE LA DEFENSE NATIONALE
WHENT
PN JP 2001518283-A/19
PD 16-0CT-2001
PP 28-SEP-1999 EP 9780146.4
PP 28-SEP-1997 EP 9780146.4
PP 28-SEP-1997 EP 9780146.4
PP C1201/68,C12NIs/r.
CC Strande--
CC CT C1201/68,C12NIs/r.
CC CT C1201/68,C12NIs/r.
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Staphylococci strains,
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                                                                              Method for screening chimera-binding peptide library.
BD074285
BD074285.1 GI:22619888
UP 2001514853-A/67.
unidentified
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unidentified.
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Maglegar,D.
Method for screening chimera-binding peptide library
Patent: JP 2001514853-A 67 18-SEP-2001;
ROWETT RESEARCH SERVICES LTD
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diagnosis and/or quantitation method, and apparatus.
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Location/Qualifiers
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    .18
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 2001514853-A/67
18-SEP-2001
02-SEP-1998 JP 2000508795
02-SEP-1997 GB 9718455.0
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/desc = 'synthetic DNA'
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PN JP 2001514853-A/67
PN 02-SEP-1999 JP 200
PR 02-SEP-1997 GB
PI DUNCAN MAGLEGAR
PC C12N1S/09, COTX14/7
Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Adesc = 'synthetic;
FH Key
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16 CTCCACCTGAGGAGAC 1
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C12N15/12, C12N15/11, C07K14/47, C12N5/10, C12Q1/68, G01N33/68, PC
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Sciurognathi; Muridae; Murinae; Mus.
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PN JP 2002503952-A/9
PD 05-FEB-2002
PP 22-MXY-1997 UP 1997542784
PR 24-MAY-1996 US 08/655360,03-JUN-1996 US 08/65
KATHERINB KLINGER, TIMOTHY BURN, TIMOTHY CONNORS, WILLIAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GO1N33/53,
PC COTK16/18,A61K48/00,A61K38/17,A01K67/027,C12N15/00
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                 18
                                                                                                                                                                                                                                                                                   linear
          Score 12.8; DB 1; Length Pred. No. 9e+02; 0; Mismatches 2; Indels
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Mus musculus (house mouse)
Mus musculus
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'organism='Unidentified'.
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                                                                                                                                                                                                                                                                                   DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       gene
05-FEB-2002;
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    .18
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                                                                                                                                                                                   unclassified.
1 (bases 1 to 18)
Klinger, K., Burn, T., Connors, T.,
                                                                                                                                                                                                                                                                                18 bp
Polycystic kidney disease gene.
BD128580
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Mammalia; Eutheria; Rodentia;
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Patent: JP 2002503952-A 9
GENZYME CORP
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JP 2002503952-A/9.
unidentified
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CC Topology: Linear;
                                                                                                                   272 GIGCIGCICCTGGGGA 287
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                 Query Match 0.7%;
Best Local Similarity 87.5%;
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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AUTHORS
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AUTHORS
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Synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 18)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
Mishida,M.

Kit and method for determining HLA type
Patent: W0 0192572-A 800 06-DEC-2001;
MISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
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artificial sequences.
1 (bases 1 to 18)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.
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01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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Location/Qualifiers
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Pred. No. 9e+02;
0; Mismatches 2; Indels
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C1201/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
Key
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 0192572-A/800
06-DEC-2001
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PI HIDETC
MATSUMURA,
PI SHOGO
PC C12QL/
CC Descri
FH KeY
FT SOURCE
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Gaps

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SYN 26-MAR-2004

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/note="reverse primer for Japanese flounder microsatellite sequence Poli4MHFS"
                                                                                                                                                                           /note="reverse primer for human STS sts-STSG43838 at 1p36 sts-STSG43838 obtained from clones B223H7, B285H13, Human BAC library RPCI-11"
    Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyaqi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Direct Submission
Submitted (24-MAR-2004) Nobuaki Okamoto, Tokyo University of Mar
Science and Technology, Department of Marine Biosciences; 4-5-7
Konan, Minato-ku, Tokyo 108-8477, Japan
(B-mail:nokamoto@s.kaiyodai.ac.jp, Tel:81-3-5463-0547,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fuji,K., Kobayashi,K., Mizuta,A., Hasegawa,O., Tabata,K., Sakamoto,T. and Okamoto,N.
A genetic linkage map of the Japanease Flounder, (Faralichthys olivaceus)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AB175158 18 bp DNA linear Sin co-rum. Synthetic construct DNA, reverse primer for Japanese flounder microsatellite sequence Poli4HFS-M.
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2 (bases 1 to 18)
Mizuta, A., Tabata, K., Kobayashi, K., Fuji, K., Sakamoto, T. and
                                                                                                                                                                                                                                                       Query Match 0.7%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 9e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 9e+02;
trive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="other DNA"
/db xref="taxon:32630"
1. .18
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Best Local Similarity 87.5
Matches 14; Conservative
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Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
special beta-chain junctional region structural characteristics J. Immunol. 156 (5), 1865-1872 (1996)
                                                                        Chases 1 to 18)
Pullen, A.M.
Pullen, A.M.
Direct Submission
Submitted (10-JAN-1996) A.M. Pullen, University of Washington, Howard Hughes Medical Institute, SL-15 Seattle, WA 98195, USA Overlaps with sequences in Nature, 310:322-325 (1984); Nature, 10:387-391 (1984) and Nature, 311:344-349 (1984).
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87.5%; Pred. No. 9e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                         /sub_species="domesticus"
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/dev_stage="adult"
/rearranged
/note="V beta 3+"
                                                                                                                                                                                                                                                   /organism="Mus musculus"
/mol_type="mRNA"
/strain="B10.BR"
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Genomics 74 (1), 55-70 (2001)
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PAT 24-JUL-1996

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Silvestrini,M.C., Cutruzzola,F., Ciabatti, Ilaria, Zennaro,E., Visco,C., Discepolo and Massimo.
RECOMBINANT PROCESS FOR THE PRODUCTION IN PSEUDOMONAS PUTIDA OF THE CYTOCHROME C551 OF PSEUDOMONAS ARRUGINOSA PATENT: WO 9735011-A 3 25-SEP-1997;
MINI RICERCA SCIENT TECNOLOG (IT)
Other publication IT M960515 19970915.
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1 (bases 1 to 19)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
Patent: WO 9740193-A 55 30-OCT-1997;
INNOGENETICS NV (BE)
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
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Sequence 55 from Patent WO9740193.
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Sequence 3 from Patent WO9735011.
A65232
/db_xref="taxon:32644"
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Matches 14; Conservative
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                                                                                         NUCLECTIDIC SEQUENCES OF ACTINOMYCETALES, APPLICATIONS TO THE SYNTHESIS OR DETECTION OF NUCLEIC ACIDS, PRODUCTS OF EXPRESSION OF SUCH SEQUENCES AND APPLICATION AS IMMUNOGENIC COMPOSITIONS PATENT: WO 9012875-A 24 01-NOV-1990; Location/Qualifiers
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Courtney,M., Degryse,E. and Loison,G.
Hirudin variants, their use and process for their preparation
Patent: EP 0332523-A 3 13-SEP-1989;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                    synthetic construct artificial sequences.

1 (bases 1 to 19)
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A03708.1 GI:492122
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                                                                    0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 9.7e+02;
ative 0; Mismatches 2;
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87.5%; Pred. No. 9.7e+02;
ative 0; Mismatches 2;
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2:
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X1eyp,P.W. and Moore,X.J.
Mammalian tub protein
Patent: US 5817762-A 39 06-OCT-1998;
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Cech, T.R. and Lingner, J.
Telomerase
Patent: US 6093809-A 95 25-JUL-2000;
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Sequence 95 from patent US 6093809.
AR104563
AR104563.1 GI:12817271
                                                                                                                                                                                                                              Sequence 39 from patent US 5817762.

    19
    /organism="unknown"
    /mol_type="unassigned DNA"

                                            /mol_type="unassigned DNA"
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Location/Qualifiers
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/organism="unknown"
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Best Local Similarity 87.55
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AR104563/c
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                                                                                                                                                        1 (bases 1 to 19)
Kleyn,P.W., Moore,K.J. and Kapeller,R.
Methods for identifying compounds that modulate mammalian tub
protein activity
Patent: US 5861239-A 39 19-JAN-1999,
                                                                                                                                                                                                                                                                                                                                      Gaps
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Kleyn,P.W. and Moore,K.J.
Methods for detecting mammalian tub protein and RNA
Patent: US 5871931-A 39 16-FEB-1999;
Location/Qualifiers
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1 Similarity 87.5%; Pred. No. 9.7e+02;
14; Conservative 0; Mismatches 2; Indels
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Sequence 39 from patent US 5861239.
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 39 from patent US 5871931.
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AR043569
AR043569.1 GI:5964577
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Carrino, J.J. and Brainard, T.D.
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/organism="unknown"
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AR029732.1 GI:5942946
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1 (bases 1 to 19)
Feitelson,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A.,
Schneits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J., Stamp,L.,
Morrill,G. and Finstad-Lee,S.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                             PAT 08-AUG-2001
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Feitchlon, J.S., Schnepf, H. Ernest., Narva, K.E., Stockhoff, B.A.,
Schmeits, J. Loewer, D., Dullum, C. Joseph., Muller-Cohn, J., Stamp, L.,
Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
toxins
Patent: US 6242669-A 84 05-JUN-2001;
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0.7%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 9.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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Sequence 84 from patent US 6242669.
ARIS7243.1 GI:15125947
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 JOURNAL Patent: US 6238876-A 9 29-MAY-2001;
MATURES Location/Qualifiers
                                  1. .19
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/organism="unknown"
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Attaba, A.Ruizi.
Methods and materials for the diagnosis and treatment of sporadic basal cell carcinoma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                        [bases 1 to 19]
Feitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnept, J., Loewer, D., Dullum, C.Joseph., Muller-Cohn, J. and Stamp, L.M.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                                                                    Gaps
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Pesticidal toxins and nucleotide sequences which encode these
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Feitelson,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A.
Schmeits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J. and
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Location/Qualifiers
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                                                                                                                                                                                                                             Patent: US 6204435-A 84 20-MAR-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 9 from patent US 6238876.
AR154254
Sequence 84 from patent US 6204435.
AR143669
AR143669.1 GI:15104955
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PN JP 2002516657-A/507
PN JP 2002516657-A/507
PD 11-JUM-2002
PR 22-DEC-1998 UP 2000525562
PR 22-DEC-1999 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEN,MARTA BLUXENFELD, ILVA CHUMAKOV, LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00
PC C12N15/00,C12N15/00
PC C12N15/00,C12N15/00
CC potential microsequencing oligo for 4-56-159.mis2 FH Key
Location/Qualifière
FT primer bind 1.19.
Location/Qualifière
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TERENCE J VAN RAAY,KATHERINE W KLINGER
CIZNIS/12,CIZNIS/85,CO7K14/47,CO7K14/475,CO7K16/18,A01K67/027
Oligonuclectide Primer
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synthetic construct
synthetic construct
synthetic enstruct
artificial sequences.
1 (bases 1 to 19)
Landes,G.M., Burn,T.C., Connors,T.D., Dackowski,W.R., Raay,T.J.V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BDNA linear PAT 17-JUL-20 Novel human chromosome 16 genes, compositions, methods of making and using same.
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GREGORY M LANDES, TIMOTHY C BURN, TIMOTHY D CONNORS, WILLIAM R
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0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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JP 2002514903-A/23
21-MAY-2002
16-JAN-1997 JP 1998502904
17-JUN-1996 US 08/665259,01-OCT-1996 US
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87.5%; Pred. No. 9.7e+02;
iive 0; Mismatches 2;
       Prostatic cancer gene
Patent: JP 2002516657-A 507 11-JUN-2002;
GENSET
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/organism="synthetic construct"
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GENZYME CORP
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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                                                           Homo sapiens (human)
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09-DEC-1996 US

PI GREGORY M LI

PI DACKOWSKI,

PI TERENCE J V

PC C12N15/12, C.

CC Oligonucleof

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 19)
Cohen,D., Blumenfeld,M., Chumakov,I. and Bougueleret,L.
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Grabau, E.A. and Hegeman, C.
Soybean phytase and nucleic acid encoding the same Patent: US 630376-A 11 16-0CT-2001;
Location/Qualifiers
                                                                                                             linear
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2;
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Patent: US 6309867-A 95 30-OCT-2001;
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                                                                                                         ARI73209 19 bp
Sequence 11 from patent US 6303766.
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/organism="unknown"
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/organism="unknown"
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1 (bases 1 to 19)

Cech, T.R. and Nakamura, T.
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AR173209.1 GI:17912700
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JP 2002516657-A/507.
Homo sapiens (human)
Homo sapiens
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Prostatic cancer gene.
18 AAGGAGACTCAGGTAC 3
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Sprince construct

Synthetic construct

Synthetic construct

Synthetic construct

Synthetic construct

artificial sequences.

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AS Alenzand polymuclectides encoding them patent: JP 2002537757-A/61

ALPHAGRNE INC.

OS Artificial Sequence

BN JP 2002337757-A/61

PD 12-NOV-2002;

PP 24-AUG-1999 US 60/097658,24-AUG-1999 US 60/097659 PR

COS ARTIFICIAL SEQUENCE

DAY 200233757-A/61

PD 200233757-A/61

PD 200233757-A/61

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PD 200233757-A/61

PD 24-AUG-1999 US 60/099618,28-SEP-1999 US 60/102092 PR

COS ARTIFICIAL SEQUENCES ON 103978,23-BEC-1999 US 60/103978,23-BEC-1999 US 60/103978,23-BEC-19
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P2y11 receptor agonists and the use in the field of erythropoiesis
Payent: EP 1396632-A 15 17-MAR-2004;
Bayer HealthCare AG (DE)
Location/Qualifiers
1. .19
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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CO7K14/47,
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Location/Qualifiers
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/organism="synthetic construct"
/organism="genomic DNA"
/db_xref="taxon:32630"
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Sequence 15 from Patent EP1398632.
CQ785573
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                               oligonucleotide
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/db_xref="texon:325830"
/noTe="Description of Artificial Sequence: primer for the
human Plb splice variant 2"
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Dna encoding
flavin-adenine-dinucleotide-dependent-d-erythronate-4-phosphate-
dehydrogena se, pdxr, and microbial production of vitamin b6
Patent: WO 2004029250-A 3 08-APR-2004;
DSM IP Assets B.V. (NL)
Location/Qualifiers
                                             Gaps
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Query Match 0.7%; Score 12.8; DB 1; Length 19; Best Local Similarity 87.5%; Pred. No. 9.7e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/mol_type="taxon:32830"
/note="Description of Artificial
synthesized primer sequence"
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87.5%; Pred. No. 9.7e+02;
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/organism="synthetic_construct"
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Patent: WO 2004019044-A 9 04-MAR-2004;
EVOTEC Neurosciences GmbH (DE)
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Seguence 9 from Patent WC2004019044.
CQ785949
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Sequence 3 from Patent W02004029250.
CQ797901
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artificial sequences.
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synthetic construct
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/mol_type="genomic DNA
   JP 1994090757-A/69
05-APR-1994
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Best Local Similarity 87.59
Watches 14; Conservative
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KEYWORDS
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Cobata, B., Kashiwagi, N., Abe, A. and Miyakoshi, T.
Cobata, B. Kashiwagi, N., Abe, A. and Miyakoshi, T.
Cobata, B. Kashiwagi, N., Abe, A. and Miyakoshi, T.
Cobror POP BASE SEQUENCE FOR HIA-DR TYPING AND HLA-DR TYPING METHOD USING THE SAME BASE SEQUENCE
Patent: JP 1994090757-A 69 05-APR-1994;
KITASATO INST:THE, MITSUI PETROCHEM IND LTD
OC Artificial sequences.
   Gaps
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87.5%; Pred. No. 9.7e+02;
Live 0; Mismatches 2; Indels
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  Indels
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Location/Qualifiers
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 Mismatches
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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JP 1994090757-A/68.
Homo sapiens (human)
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Jest Local Similarity 87.35,
Thes 14; Conservative
                     114 GCCGATCGCCATGGAT
                                         18 GCCGATGGCCATGAAT
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ACCESSION
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KEYWORDS
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ACCESSION
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AUTHORS
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PF 24-AUG-1992 JP 1992224432
PR 23-AUG-1992 JP 1912224432
PR 23-AUG-1991 DP 212472
PI OBATA BUNYA, KABHWAGI NOBORU, ABE AKIO, MIYAKOSHI TERUICHI PC C12N15/11,C07H21/04,C12N15/10,C12Q1/68,G01N33/53,GC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
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GREG B
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C12Q1/48,C12Q1/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC
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CI2NIS/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
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PC (C12N1/21,C12R1.19),(C12N9/12,C12R1.19),(C12N9/12,C12R1.84),

PC (C12N1/21,C12R1.19),(C12N9/12,C12R1.19),(C12N9/12,C12R1.84),

PC (C12N1/21,C12R1.91),C12N15/00,A61K37/64,C12N5/00 CC

Strandedness: Single;

CC Topology: Linear;

FH Key

Location/Qualifiers

FT source

/organism='Unidentified'.
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NO 19 1992253177-A/48

PD 21-SEP-1999
PF 15-OCT-1998 JP 1998320169

RR 01-OCT-1996 US 08/724,643,18-APR-1997 US 08/844.419

C9-MAY-1997 US 08/854.050,14-AUG-1997 US 08/951.312, PR 14-AUG-1997 US 08/911.312, PR R SECHI,JOCHIMU RINGNER,TORU NAKAMURA,KAREN B CHAPMAN, PI MORIN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
unidentified
unidentified
unclassified.
1 (bases 1 to 19)
Thomas,R.S., Jochimu,R., Toru,N., Karen,B.C., Greg,B.M.,
Calvin,B.H. and William,H.A.
Puman telomerase catalytic subunit promoter
Patent: JP 1999253177-A 48 21-SEP-1999,
JERON CORP, UNIVERSITY TECHNOLOGY CORP
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87.5%; Pred. No. 9.7e+02;
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Human telomerase catalytic subunit promoter.
E36840
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I (bases 1 to 19)
Kleyn, P.W. and Moore, K.J.
Sorecating methods for compounds useful for the treatment of body weight disorders, including obesity
Patent: US 6605437-A 39 12-AUG-2003;
Location/Qualifiers
                                                                               Unclassified.

1 (bases 1 to 19)

1 (bases 1 to 19)

1 (bases 1 to 19)

Biallelic markers for use in constructing a high density disequilibrium map of the human genome

Patent: US 6537751-A 4919 25-WAR-2003;

Location/Qualifiers
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1 (bases 1 to 19)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome patent: US 6537751-A 7743 25-MAR-2003;
Location/Qualifiers
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0.7%; Score 12.8; DB 1; Length 19;

Best Local Similarity 87.5%; Pred. No. 9.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 7743 from patent US 6537751.
AR296008
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Sequence 39 from patent US 6605437.
AR374446
AR374446.1 GI:40077161
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
methods
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                                0.7%; Score 12.8; DB 1; Length 19;
87.5%; Pred. No. 9.7e+02;
tive 0; Mismatches 2; Indels
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CUS AR293184 19 bp DNA
FINITION Sequence 4919 from patent US 6537751.
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Location/Qualifiers
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Sequence 154 from patent US 6475789.
AR243361.1 GI:27290572
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1 (bases 1 to 19)
Kleyn, P.W. and Moore, K.J.
Mammalian tub gene
Patent: US 5646040-A 39 08-JUL-1997;
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Sequence 39 from patent US 5646040.
152237
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/wol_type="unassigned DNA"
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/organism="unknown"
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   /db_xref="taxon:32644"
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1 (bases 1 to 19)
Cechy, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B.,
Harley, C.B. and Andrews, W.H.
Cells immortalized with telomerase reverse transcriptase for use in
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Patent: US 6617110-A 387 09-SEP-2003;
Location/Qualifiers
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Sequence 387 from patent US 6617110.
AR393131.1 GI:40118415
                                                                                                                                                        Sequence 387 from patent US 6610839. AR390517
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AR437223
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Morin, G.B. and Andrews, W.H.
                                                               1706 IGCCIACCIGCCIGAG 1721
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Tobases 1 to 19)
Feitelson, G.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morzill, G. and Finstad-Lee, S.
Perticidal toxins and nucleotide sequences which encode these
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmeits, J., Leewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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Bech-Hansen, T. and Naylor, M.J.
Retinal calcium channel (alpha) IF-subunit gene
Patent: US 6670465-A 47 30-DEC-2003;
                                                                                                                                                                                                                                                                                        cch 0.7%; Score 12.8; DB 1; 11 Similarity 87.5%; Pred. No. 9.7e+02; 14; Conservative 0; Mismatches 2;
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Location/Qualifiers
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Patent: US 6656908-A 84 02-DEC-2003;
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Sequence 47 from patent US 6670465.
AR444825
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/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
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PAT 15-MAY-2001

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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/organism="Homo sapiens"
/mol type="unassigned DNA"
/db xref="taxon:9606"
/noTe="CGk2 ribozyme binding site"
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Patent: WO 0130362-A 215 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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           Sequence 215 from Patent WO0130362.
AX128997
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Sequence 300 from Patent WO0130362.
AX129082
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Seguence 301 from Patent WO0130362.
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Homo sapiens
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PATENCEL WILLY A (DE) ; WAGNER FRANZ F (DE) ; DRK BLUTSPENDEDIENST
BADEN WUE (DE)
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                                                   wery Match 0.7%; Score 12.8; DB 1; Length 19; lest Local Similarity 87.5%; Pred. No. 9.7e+02; latches 14; Conservative 0; Mismatches 2; Indels
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Stuyver,L., Rossau,R. and Maertens,G.
Method for typing and detecting HBV
Patent: US 6709812-A 55 23-MAR-2004;
Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"
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Sequence 55 from patent US 6709812.
AR488390.1 GI:47254442
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/mol_type="genomic DNA"
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Homo sapiens (human)

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               Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                           Robbins,J.M. and Tritz,R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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Mol.type="unassigned DNA"
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/noTe="Cdk2 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme_binding_site"
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                                                                                                            Patent: WO 0130362-A 301 03-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                          AX129108
Sequence 326 from Patent WO0130362.
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/organism="Homo sapiens"
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0130362-A 717 03-MAY-2001;
IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 718 from Patent WO0130362.
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AX129500.1 GI:14135805
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/noTe="Cyclin Al ribozyme binding site"
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/organism="Homo sapiens"
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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IMMUSOL, INC. (US)
Location/Qualifiers
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Seguence 2019 from Patent WO0130362.
AX130801
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                                                                    Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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17.5%; Pred. No. 9.7e+02;
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37.5%; Pred. No. 9.7e+02;
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/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 2973 from Patent W00130362.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Use of a transgene encoding a vertebrate phytase to increase capacity to utilize phytic acid in livestock feed Patent: WO 0214494-A 1 21-FEB-2002, THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US); University of Rochester (US); North Carolina State University (US) Location/Qualifiers
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87.5%; Pred. No. 9.7e+02;
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Loukachov,V.V., van Gemen,B. and Goudsmit,J. Collection of binding molecules
Patent: EP 1174518-A 84 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 84 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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37.5%; Pred. No. 9.7e+02;
ve 0; Mismatches 2;
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/noTe="position 62"
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Sequence 1 from Patent WO0214494.
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AX420438.1 GI:21524591
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Actinopterygii; Neopterygii; Teleostei; Buteleostei; Neoteleostei;
Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes;
Scombroidei; Scombridae; Scomber.
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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/organism="Scomber scombrus"
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Patent: WO 03000727-A 87 03-JAN-2003;
ISIS INNOVATION LIMITED (GB)
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Sequence 69 from Patent WO03057913.
AX801930
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Roesch,E.B., Scherrer,C.W., Sherrill,C.B. and Ptacin,J.L.
Solid support assay systems and methods utilizing non-standard
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                                      0.7%; Score 12.8; DB 1; Length 19; 87.5%; Pred. No. 9.7e+02; Live 0; Mismatches 2; Indels
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Eragen Biosciences, Inc. (US)
Location/Qualifiers
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Sequence 13 from Patent WO02095033.
AX616878
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Sequence 123 from Patent WO0233126.
AX497579
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Novel pesticidal toxins and nucleotide sequences which encode these
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 1 (bases 1 to 19)
Feitelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A.,
Schmeits,J.L., Loewer,D., Schwab,G., Dullum,C.J., Cohn,J.M. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 19)
Feitelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A.,
Schmeits,J.L., Loewer,D., Schwab,G., Dullum,C.J., Cohn,J.M. and
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                                                                                                                                                                                BRIAN A STOCKHOFF,

DAMES L SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,

PI JAMES L SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,

PI CHARLES JOSEPH DULLDM,

PI JUDY MULIER COHN, LISA STAMP

PC CLINIS/32, COTK14/325, C1201/68, A01N63/00, C12N15/82 CC

SCTANDGORSE: Single;

CC Topology: Linear;

FH Key

FT SCHICE
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PI JAMES L SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,
PI CHARLES JOSEPH DULLUM,
PI JUDY MULLER COHN,LISA STAMP
PC C12N15/32, COYK14/325, C12Q1/68, A01N63/00, C12N15/82 CC
Strandedness: Single;
C Topology: Linear;
FF Key
F Source
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87.5%; Pred. No. 9.7e+02;
tive 0; Mismatches 2;
                                                                                                         Patent: JP 2001502919-A 51 06-MAR-2001;
MYCOGEN CORP
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/organism="unidentified"
/mol_type="genomic DNA"
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JP 2001502919-A/51
06-MAR-2001
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BD008750.1 GI:18637123
JP 2001502919-A/78.
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06-MAR-2001
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Novel pesticidal toxins and nucleotide sequences which encode these toxins.
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                     PAT 25-NOV-2003
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                                                                                                                                                                              Cech, T.R., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B., Harley, C.B. and Andrews, W.H.
Human telomerase catalytic subunit
Putent: EP 13330944 387 06-AUG-2003;
Geron Corporation (US); University Technology Corporation (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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Antigen fragments for the diagnosis of Toxoplasma gondii
Patent: WO 03080839-A 12 02-OCT-2003;
Kenton S.r.l. (IT)
Location/Qualifiers
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/organism="synthetic construct"
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                     DNA
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             Sequence 387 from Patent EP1333094. AX810422
                                                                                                                                                                                                                                                                                                              /organism="unidentified"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12 from Patent WO03080839.
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BD008723.1 GI:18637096
JP 2001502919-A/51.
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Artificial Sequence
JP 2001321190-A/282
20-NOV-2001
20-NOV-2001
BIICHI SOBDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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A method of arraying genome clone
Patent: JP 2001321190-A 1222 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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A method of arraying genome clone
Patent: JP 2001321190-A 282 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism='Artificial Sequence'
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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   A method of arraying genome clone.
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JP 2001321190-A/1222
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
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AGIK38/00,AGIK31/7088,AGIK39/00,AGIK48/00,AGIP35/00,AGIP43/00,
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S Sechi,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Mori,G.B.,
Harley,C.B. and Andrews, M.
Harley,C.B. and Andrews, W.
Human tellomerase catalytic subunit
GERCN CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
PN JP 2001081042-A48
PD 27-MAR-2001
PP 27-MAR-2001
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PP 27-MAR-2001
PR 01-OCT-1990 US 08/814419 PR 09-MAX-1997 US 08/81843 PR 09-MAX-1997 US 08/851843 PR 09-MAX-1997 US 08/851843 PR 09-MAX-1997 US 08/812951,14-AUG-1997 US 08/911312 PR 14-UG-1997 US 08/812951,14-AUG-1997 US 08/915503 PI THOM R SRHI, JOACHIM LINGHER, TORU NARAMURA, KAREN B CHAPMAN, PI GREG
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CO7K5/107, CO7K5/117, CO7K7/06, CO7K7/08, CO7K16/40, C12N9/12,
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Strandedness: Single;
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                                                                                                                                  Length 19;
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                                                                                                                                                                     2; Indels
/organism='Unidentified'.
Location/Qualifiers
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Pred. No. 9.7e+02;
0; Mismatches 2;
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Human telomerase catalytic subunit.
BD011091
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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/organism='Unidentified'.
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JP 2001081042-A/48.
unidentified
unidentified
unclassified.
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1 Similarity 87.5%;
14; Conservative
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est Local Similarity
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C12N15/09,
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G01N33/53,
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Gaps

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Indels

Length 19;

PAT 27-AUG-2002

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Length 19;

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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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Novel nucleic acid molecule correlating to Rhesus weak D phenotype.
BD124095.
BD124095.1 GI:23219040
JP 2002500884-A/34.
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WO 0135098-A/28.

Synthetic construct
artificial sequences.

I (bases 1 to 19)

Kato, I., Tzu, H. and Asada, K.
Substrate for immobilizing ligand
Patent: WO 0135098-A 28 17-MAY-2001;
TXARA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
OS Artificial Sequence
PD 17-MAY-2001
PP 24-OCT-2000 WO 2000JP007415
PR 05-NOV-1999 JP 99P 315610
PP 1 KUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
OS ANDAY-2001
PP 24-OCT-2000 WO 2000JP007415
PR 05-NOV-1999 JP 99P 315610
PP G01N33/543,G01N33/521,G01N33/53,G01N33/566,G01N37/00 CC
Designed oligonucleotide primer for amplifying a portion of CC
                                           C12N15/00,
C712N15/00
C Description of Artificial Sequence:Synthetic DNA
Location/Qualifiers
                                                                                                                                                                       /organism='Artificial Sequence'
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1 Similarity 87.5%; Pred. No. 9.7e+02;
14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 9.7e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 87.5°
Matches 14, Conservative
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Best Local Similarity
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JP 2001321190-A/1941
20-NOV-2010
112-MAR-2001 JP 2001068285
EIICHI SOEDA
CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNIS/09,CILZNI
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Patent: JP 2001321190-A 1941 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Patent: JP 2001321190-A 2116 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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          Query Match

0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 9.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001321190-A/2116
20-NOV-2001
12-MAR-2001 JP 2001068285
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JP 2001321190-A/2116.
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1 (bases 1 to 19)
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AB068763 19 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, reverse primer for human STS sts-R205J15F
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Synthetic construct DNA, reverse primer for human STS sts-D1S2795
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                                                                                                                                                                                                                                                                                                                                                                                                  Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Watonabe,N., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A., and Soeda,E.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
1. 19
/note="reverse primer for human STS sts-D182795 at 1p36
sts-D182795 obtained from clones B159A20, B184F11,
B230G10, B320F23, B230D10, B80L17, B325H10, Human BAC
library RPCI-11"
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1. Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tchoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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37.5%; Pred. No. 9.7e+02;
ve 0; Mismatches 2;
0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 9.7e+02;
iive 0; Mismatches 2;
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Genomics 74 (1), 55-70 (2001)
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Best Local Similarity 87.5
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Matches 14; Conserv
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STS DNA, 3'
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STS; Beta Spectrin (Non-RBC); PCR identification; PCR primer; sequence tagged site; universal mammalian STS.
Canis familiaris (dog)
Canis familiaris
Canis familiaris
Mammalia; Strandaris (Taniata; Vertebrata; Euteleostomi; Marayoris, Netazoa; Chordata; Craniata; Vertebrata; Eutherria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 19)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J. Gene-specific universal mammalian sequence-tagged sites: application to the canine genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Original source text: Canis familiaris DNA.

Gene-specific universal mammalian sequence-tagged site for SPTBN1.

Primer for the 3' end of the product is in exon 14. Human product is 1054 bp. Canine product is 900 bp. PCR conditions: lmin, 94 C, in 5 min 72 C, 40 cycles (hot start).
                                                                 1 (bases 1 to 19)
Fregel, V.A. and Wagner, F.F.
Novel mucleic acid molecule correlating to Rhesus weak D phenotype
Patent: JP 2003500884-A 34 15-JAN-2002,
DRK BLUTSPENDEDLENST BADEN WUERTIEMBERG GGMBH
                                                                                                                                                                                                                                                                                         Cl2N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
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Canis familiaris Beta Spectrin (Non-RBC) (SPTBNI)
primer, sequence tagged site.
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                                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear;
/desc = 'oligonucleotide'
Key Location/Qualifiers
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                                                                                                                                                           Unidentified
JP 200250084-A/34
15-JAN-2002
18-DEC-1998 JP 2000528671
23-JAN-1998 EP 98101203.2
VILLY A FREGEL, FRANZ F WAGNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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/organism="unidentified"
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/db_xref="taxon:9615"
1. .19
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/db_xref="taxon:32644"
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/note="reverse primer for human STS sts-R205J15F at 1p36 sts-R205J15F obtained from clones B70M12, B140F15, B149L3, B196L9, B205J15, Human BAC library RPCI-11"
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Synthetic construct DNA, reverse primer for human STS sts-IB3268 at
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                                                                                                      Horii.A.

Birect Submission

Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-6875, Japan (E-mall:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="reverse primer for human STS sts-IB3268 at 1p36 sts-IB3268 obtained from clones B13D23, B54F24, B311L3, B37SN12, B99F6, B99C7, Human BAC library RPCI-11"
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  BAC-based STS-content map spanning a 35-Mb region of human
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A BAC-based STS-content map spanning a 35-Mb region of human
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                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="genomic DWA"
/do_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
1. .19
                       chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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Horii,A.
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AB069524 19 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, forward primer for human STS sts-WI-6290
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                                                                                                                                                                                                                                                                                                                                    Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Grochashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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/mol_type="genomic DNA"
/db xref="taxon:32630"
1. 19
/note="forward primer for human STS sts-WI-6290 at 1p36
sts-WI-6290 obtained from clones B297J7, B380M17, B83X3,
B66I18, B376D18, B242L13, B260B7, Human BAC library
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8047)
Location/Qualifiers
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87.5%; Pred. No. 9.7e+02;
tive 0; Mismatches 2; Indels
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IMMUSOL, INC. (US)
Location/Qualifiers
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Genomics 74 (1), 55-70 (2001)
21269192
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AB069524.1 GI:15130328
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                    TCTCGTTCCAGCTGCT
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Horii, A.
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Matches 14; Conservative
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Re Suffree, D.B., Pierce, M.L. and Chen, Z.

Targeting antiscense library

NIVERSTIY OF UTAH RESERCH FOUNDATION

SALTIficial Sequence

PN 07 2002509733-A/3

PN 22-APR-2002

PN 07 2002509733-A/3

PN 08 20-APR-1999 US 60/107504 PI

DUANE RUFFNER, MICHAEL L PIERCE, ZHIDONG CHEN PC

CI2N15/09, C12Q1/68/A61K48/00, C12N15/00

CC Nortion of a multiple cloning site for use in making deletion

CC IDATE SOURCE L DISCONDING SITE FOR USE IN TRANSITY OF UTAH SITE SOURCE IN TRANSITY OF UTAH SITE SOURCE IN TRANSITY OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF UTAH SITE SOURCE IN TATISTICAL OF
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Location/Qualifiers
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                                           Query Match 0.7%; Score 12.6; DB 1; Length 22; Best Local Similarity 78.9%; Pred. No. 1.3e+03; Matches 15; Conservative 0; Mismatches 4; Indels
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Pred. No. 1.3e+03;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Unclassified.
E I (bases 1 to 23)
S Ruffner. D.E., Pierce, M.i. and Chen, Z. Directed antisense libraries
AL Patent: US 6886180-A 3 01-UUL-2003;
Location/Qualifiers
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Sequence 3 from patent US 6586180.
AR349567
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Matches 15; Conservative
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artificial sequences.

I (basea 1 to 22)
Nakatani, T., Gomi, H., Jiyon, W. and Noguchi, H.
ANTHROPOMORPHISM B-B10
Patent JP 1993244982-A 1 24-SEP-1993;
SUMITOWO CHEM CO LID, SUMITOWO PHARMACEUT CO LID, BIOTEST AG, INOTERAPIL LAB.
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NOGUCHI HIROSHI
PC C12P21/08,A61K39/395//C12N5/10,C12N15/13,G01N33/577; CC
strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-csense: No.
Location/Qualifiers
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Artificial sequence; Genes.
UP 193244982-A/1
24-SEP-1993 UP 1991323319
NAKATANI TOMOSUKE, GOMI HIDEYUKI, JIYON WAIDENESU, PI
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       /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin D3 ribozyme binding site"
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Antisense modulation of caspase 6 expression Patent: US 6566135-A 53 20-MAY-2003;
Location/Qualifiers
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    .22
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/mol_type="genomic DNA"

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/organism="unknown"
/mol_type="genomic DNA"
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Gaps

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AR190762

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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PAT 25-NOV-2003
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Regulatory sequence for the specific expression in dendritic cells and uses thereof
Patent: WO 0151631-A 55 19-JUL-2001;
Reske-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf (DE) ;
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Method to determine in vivo nucleic acid levels
Patent: Wo 03060119-A 32 24-JUL-2003;
Universite Libre de Bruxelles (BE)
Location/Qualifiers
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Pred. No. 1.2e+03;
0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon.32630"
/noTe="Oligonucleotide"
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/db_xref="taxon:32630"
/note="Oligonucleotide"
                                                                             Stordeur, P. and Goldman, M. Method to quantify in vivo rna levels Patent: BP 1329506-A 32 23-JUL-2003; Cypro S.A. (BE)
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Sequence 32 from Patent WO03060119.
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AX805828.1 GI:38522739
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Sequence 55 from Patent W00151631.
AX195351
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Unclassified.

1 (bases 1 to 18)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 6250 12-FBB-2002;

Location/Qualifiers
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1 (bases 1 to 18)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3009 20-MAY-2003;
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Sequence 6250 from patent US 6346399.
AR190762
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78.9%; Prea. ....
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 32 from Patent EP1329506.
AX801596.1 GI:38500568
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Thomas, V. and Alberecht, G.

Thomas, V. and Alberecht, G.

Method for detecting high viral concentration in plasma and/or serum by using polymerase chain reaction

Datent: JP 1999225797-A 2 24-AUG-1999;

CENTEON PHARMA GMBH

ON UP 1999225797-A/2

PD 24-AUG-1999;

PP 24-AUG-1999;

PP 24-AUG-1999;

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/organism='Unidentified'
Location/Qualifiers
                                                                                                                                                                 uery Match 0.7%; Score 12.4; DB 1; est Local Similarity 92.9%; Pred. No. 1.2e+03; atches 13; Conservative 0; Mismatches 1;
           1..20
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/noTe="artificial sequence"
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Sequence 2 from Patent EP0922771.
AX022849
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
                                                                                                                                                                                                                               Gaps
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Myosin-like gene expressed in human heart and muscle
Patent: WO 0192524-A 9023 06-DEC-2001;
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0.7%; Score 12.4; DB 1; Length 23;
Best Local Similarity 72.7%; Pred. No. 1.5e+03;
Matches 16; Conservative 0; Mismatches 6; Indels
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82.4%; Pred. No. 1.1e+03;
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Sequence 9023 from Patent W00192524.
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Patent: EP 0922771-A 2 16-JUN-1999;
CENTEON PHARMA GMBH (DE)
Location/Qualifiers

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Location/Qualifiers
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misc_feature
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M.musculus mRNA for T-cell receptor beta chain junction region
(BR-169).
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Receptors on T cells escaping superantigen-mediated deletion lack special beta-chain junctional region structural characteristics J. Immunol. 156 (5), 1865-1872 (1996)
                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pullen, A.M.
Pullen, A.M.
Pullen, A.M.
Submitted (10-JAN-1996) A.M. Pullen, University of Washington, Howard Hughes Medical Institute, SL-15 Seattle, WA 98195, USA Overlaps with sequences in Nature, 309:322-325 (1984); Nature, 310:387-391 (1984) and Nature, 311:344-349 (1984).
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 Indels
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Patent: BP 1273660-A 1237 08-JAN-2003;
Acomica, Inc. (US)
Location/Qualifiers
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beta-chain; junctional region; T cell receptor.
Mus musculus (house mouse)
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Mismatches
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                                 862 CTGAAGCAGTACCTGGA 878
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14; Conservative
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DEFINITION
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Matches
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                                                                                                         /product="T cell receptor beta chain"
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                                                                                          gene="BR-169"
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Best Local Similarity 82.4
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